EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION.. (U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A. 22 JUL 83 USAFETAC/DS-83/027 SBI-AD-E850 418 F/G 4/2 AD-A134 198 1/4 UNCLASSIFIED NL



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USAFETAC/DS-83/027 ADE 850 416

DATA PROCESSING DIVISION **USAFETAC** Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

SIELSON AFB AK N 64 40 W 147 06

ELEV 547 FT

MSC #702650

PARTS A-F

HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:

HOURLY CBSERVATIONS: JAN 73 - DEC 82 SUMMARY OF JAY DATA: NOV 44 - JUN 45, NOV 46 - DEC 82

TIME CONVERSION GMT TO LST: -10

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FEDERAL BUILDING ASHEVILLE, N. C.

AWS TECHNICAL TIBRARY

FL 4414 SCOTI AFB, IL 62225

26 JUL 19#8

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Review and Approval Statement

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This technical report has been reviewed and is approved for publication.

Wayne E. M. Collom

WAYNE E. MCCOLLOM Chief, Technical Information Section USAFETAC/TST

FOR THE COMMANDER

WALTER S. BURGMANN Director, Air Weather Service Technical Library

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SECURITY CLASSIFICATION OF THIS PAGE (When Date Entered) READ INSTRUCTIONS
BEFORE COMPLETING FORM
CIPIENT'S CATALOG NUMBER REPORT DOCUMENTATION PAGE 2. GOVT ACCESSION N USAFETAC/DS TYPE OF REPORT & PERIOD COVERED TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Final rept PERFORMING ORG. REPORT NUMBER EIELSON AFB, ALASKA CONTRACT OR GRANT NUMBER(a) PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB, IL 62225 12. REPORT DATE JUL 83 11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD 13. NUMBER OF PAGES Air Weather Service (MAC) SCOTT AFB, IL 62225

(4. MONITORING AGENCY NAME & ADDRESS/II dillerent from Controlling Office) 15. SECURITY CLASS. (of this report) UNCLASSIFIED ISA. DECLASSIFICATION DOWNGRADING SCHEDULE 16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited. 17. DISTRIBUTION STATEMENT (of the obstract entered in Block 20, if different from Report) 18. SUPPLEMENTARY NOTES SUPERSEDES REPT. NO. USAFETAC/DS-79/042_ / O A 074 667 19. KEY WORDS (Continue on reverse side if necessary and identify by block no *RUSSWO Atmospheric pressure Daily temperatures Extreme surface winds Snowfall Extreme snow depth Psychrometric summary Climatology Sea-level pressure Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over) This report is a six-part statistical summary of surface weather observations for EIELSON AFB, ALASKA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomens; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values);(C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric

DD TORM 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFIED

19. Percentage frequency of distrib

Dry-bulb temperature versus wet

19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*ALASKA

*EIELSON AFB

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (f) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrance or cumulative percentage frequency of occurring tables.

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The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WHO number with the addition of a suffix zero; or, in cases where there is no designated WHO number, a 5-digit number created in agreement with WHO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U S AIR FORCE ENVIRONMENTAL TRUMICAL APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Paily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART & PRECIPITATION

SNOWFALL

SNOW DEPTH .

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarised in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0300-1100, 1200-1100, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY	APRIL	•	July	OCTOBER
FERRUARY	MAY		AUGUST	NOVEMBER
MARCH	JUNE		SEPTIMENT.	DECEMBER

OF NO.			TTPE	AT THIS L	OCATION	LATITUDE	LONCITUDE	ELEVATION	ABOYE MSL	OBS PER
MOLTADO		GEOGRAPHICAL LOCATION & NAME	STATION	FROM	TO	CATTION		FIELD (FT)	NT BARO	DAT
1.	Eielson	AFB, Fairbanks	AFB	Dec 46	Jul 54	N 64 39	W 147 04	537 ft		24
2.	Same		Same	Jul 54	Jul 59	Same	Same	547 ft		24
3.	Same		Same	Jul 59	UNK		W 147 05	548 ft		24 24
4.	Same		Same	UNK	Dec 73	Same	Same	545 ft		24
5.	Same		Same	Jan 74	Oct 79		W 147 06 W 147 06	545 ft		24
6.	Same		Same	Oct 79	May 80		Same	547 ft		24
7.	Same Same		Same Same	May 80 Jan 81	Dec 80 Apr 83	Same Same	Same	547 ft		24
					-					
UMBER OF OCATION	DATE OF CHANCE	SURFACE (LOCATION	HIND EGUIPMENT	INFORMATION TYPE OF TRANSMITI	TYPE OF RECORDER	MT ABOVE	REMARKS. A	DDITIONAL EQUIP	MENT OR REASO	n FOR CHARGE
1	Dec 46	Not available			yn UNK	UNK	Recorde	r charts	began Feb	48
2	Apr 53	Located on the roof of Tower Located 1/2 mile N of e	-	ML-E	80 ML-144		1			
4	Mar 55	Dual Instrumented 1. 1250 ft SE of the N		nwy						
	•	13 R 2. 1/2 mile N of Rnwy		AN/GMC	-11 RO-2 ML-117					
5	Mar 56	Located approximately 2	00 ft F o				- 1			
-		the touchdown point on		- , 51.1,	` -		7			
6	Mar 57	Located 1250 ft SE of N 13R		лwy Same	Same	Same				

N 64.40

.0#617U0E W 147.06

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EIELSON AFB ALASKA/FAIRBANKS

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ER]	DATE	SURFACE WIND COMPRESS INF	OR MATION			
101	CHANGE	LOCATION	TYPE OF TRANSMITTER	TIPE OF RECORDER	NT ABOVE CROWNS	REMARKS, ADDITIONAL EQUIPMENT. OR REASON FOR CHARGE
	Mar 59	Located 900 ft N of the S end of Rnwy 31 L	Same	Same	Seme	
	Mar 64	Dual Instrumented 1. 1000 ft S of N end of Rnwy 13, 750 ft E of centerline 2. 1200 ft N of S end of Rnwy 31.	AM/GMQ-1	l RO-s	13 fc	
	May 69	275 ft E of Centerline Dual Instrumented 1. 800 ft S of N end of Rnwy le	Same		Same	
		750 ft E of Centerline 2. 1313 ft N of S end of Rnwy el 250 ft E of centerline		0 R O-363	13 ft Same	
	Nov 77	1. Same 2. Same	GMQ-20 Same	RO-36	13 ft Same	
	Apr 83	1. Same 2. Same	Same	Same	Same	
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U S AIR FORCE
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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glase) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

A - 1

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

WEATHER CONDITIONS

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EIELSON AFB AK

73-82

JAN

STATION

STATION NAME

YEARS

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PERCENTABE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	00-02			. 4	12.3		12.4	20.8	•1	•2		21.0	930
	03-05		-1	.4	13.0		13.4	20.6		•3		21.0	930
	06-08			•2	14.0		14.1	22.4		• 3		22.7	930
	D9-11			.2	14.9		15.2	22.7		• 3		23.0	930
	12-14		•1	.8	16.7		16.8	19.5		.5		20.0	930
	15-17			-6	15.2		15.5	20.1		• 3		20.4	930
	18-20			-2	16.7		16.9	20.8		•2		21.0	930
	21-23			•1	15.5		15.5	21.2		•3		21.5	930
						<u> </u>					 -		
TOTALS			•0	.0	14.8		15.0	21.0	•0	•3		21.3	7440

USAPETAC ROTAL 0-10-5(QL A), PREVIOUS SOMIONS OF THIS FORM ARE OSSOLET

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WEATHER CONDITIONS

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EIELSON AFB AK

73-82

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STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

монтн	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND: OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING	DUST AND OR SAND	S OF OBS WITH OBS!! TO VISION	TOTAL NO OF OBS
FEB	00-02		.4	.4	12.6		13.4	13.5		.4		13.8	846
	03-05		.4	-4	13.6		14.3	14.1				14.1	846
	06-08		.1	.1	13.4		13.6	16.5		. •		16.9	846
	09-11		,	•2	13.9		14.2	18.2		-1		18.2	346
	12-14			•2	12.2		12.4	7.3		•1		7.3	846
	15-17		.1	.7	11.8		12.2	5.0		:		5.0	846
	18-20				12.2		12.2	9.6		•2		9.7	846
	21-23		•2	•2	11.2		11.7	11.0		.4		11.3	846
TOTALS			•2	•3	12.6		13-0	11.9		•2		12.0	6768

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WEATHER CONDITIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02				13.0		13.0	.6		•1		. 8	930
	03-05				15.7		15.7	1.8		!		1.8	930
	90-90	•			17.4		17.4	2.6		•2		2.8	930
	09-11	· · · · · · · · · · · · · · · · · · ·	•1	-1	16.5		16.6	1.2	•2	.4		1.7	930
	12-14				12.3		12.3		•2	•2		1.2	930
	15-17	• •••	•1		14.3		14.3	1.1	•3	- 1		1.5	930
	18-20		•2	•1	12.4		12.6	1.0		1		1.0	930
	21-23		•2		12.4		12.6	1.1				1.1	929
	·						·					:	
	:						 			:			
TOTALS			-1	•0	14.3		14.3	1.3	•1	•1		1.5	7439

USAFETAC $^{PORM}_{JULY.64}$ 0-10-5(QL, A), previous editions of this form are dissolete

WEATHER CONDITIONS

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EIELSON AFB AK

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STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

МОНТН	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02		1.7		7.6		8.7	. 4				.4	900
	03-05		2.3		9.1		10.9	1.1				1.1	900
	06-08		2.6		11.2		12.8	1.1				1.1	900
	09-11		2.0		8.6		9.8	.7		-1		-8	900
	12-14		2.3		6.4	•1	8.3	. 4		. 3		.8	900
	15-17		2.6		4.3		6.9	. 9		• 3		1.2	900
	18-20		2.0		5.6		7.4	1.0				1.0	900
	21-23		1.3		6.6		7.4					.8	900
							-						
													· · · · · · · · · · · · · · · · · · ·
TOTALS			2.1		7.4	•0	9.0	. 8		.1		.9	7200

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PERCENTAGE FREQUENCY OF OCCURRENCE OF YEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND, OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
HAY	00-02		4.6		•5		4.9	1.3				1.3	930
	03-05		5.7		.6		6.1	2.0	•2			2.3	929
•	06-08	,	6.6		.8	· 	7.1	1.3	•5			1.8	929
-	09-11		6.7		-1		6.8	• 5	-8			1.3	930
	12-14	•2	6.3		•1		6.3		.9			.9	930
	15-17	• 5	7.7		-3		7.7		•3			.3	930
	18-20	.4	6.7			-1	6.7	. 5	•1			.6	929
	21-23		6.6		•2		6.8	• 6				6	930
												:	
TOTALS		-1	6.4		-3	•0	5.6	-8	.4			1.1	7937

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WEATHER CONDITIONS

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STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND:OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	•5	13.4	į į			10.4	1.4	-1			1.6	900
	03-05		11.7				11.7	3.2	.9			4.1	900
	06-08		14.6				14.6	1.9	1.9			3.8	900
	09-11	.4	12.7				12.7	1.0	1.3			2.3	900
	12-14	1.1	11.3			•1	11-3	.3	1.1			1.4	900
	15-17	1.9	8.3			•1	8.3	•2	.9			1.1	900
_	18-20	.6	8.8				8.8	•2	•3			•6	900
	21-23	.3	9.8				9.8	• 2	•2			.4	900
					·								
TOTALS		.6	11.0			•0	11.0	1.1	. 8			1.9	7200

USAPETAC PORM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

WEATHER CONDITIONS

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EIELSON AFB AK

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MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L \$.T.)	THUNDER- STORMS	RAIN AND, OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-02	3	10.5				10.5	2.7	•1			2.8	930
	03-05	•3	12.9				12.9	6.6	-6			6.9	930
	06-08		12.6				12.6	4.7	.9		· · · · ·	5.3	930
	09-11	· · · · · · · · · · · · · · · · · · ·	9.9				9.9	3.7	1.0			4.5	930
	12-14	2.2	12.9				12.9	2.2	.5			2.7	930
	15-17	5.3	11.9				11.9	1.5	•6		•	2.2	930
	18-20	2.4	12.7				12.7	2.4		 	•1	2.5	930
	21-23	1.2	10.6				10.6	3.0				3.D	930
	<u> </u>												
												<u> </u>	
		ļ							_				
TOTALS		1.5	11.8				11.8	3.4	•5		•0	3.7	7440

USAPETAC POINT 0-10-5(QL A), PREVIOUS EDITIONS OF THIS POINT ARE OSSOLETE

WEATHER CONDITIONS

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EIELSON AFB AK

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STATION

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
AUG	00-02	.1	12.8				12.8	4.5	-3			4.8	930
-	03-05		13.0				13.0	10.2	•3			10.3	929
	06-08		11.9				11.9	12.2	.3			12.5	930
	09-11	•2	12.0				12.0	5.7	.8			6.2	930
	12-14	-1	10.3				10.3	2.6	.9			3.4	930
	15-17	1.5	11.3				11.3	1.6	.•			2.0	930
	18-20	.9	9.2				9.2	2.0	.6			2.7	930
	21-23	.6	11.3				11.3	3.2	.6			3.9	930
TOTALS		. •	11.5				11.5	5.3	.5			5.7	7439

USAFETAC POMM 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE ORIGINAL

WEATHER CONDITIONS

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EIELSON AFB AK

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STATION NAME

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

TOTALS		•0	10.2		2.6		12.4	4.8	•3		•0	5.0	7200
			·					-					
	21-23		10.1		2.2		12.1	3.2	-3			3.6	900
	18-20		10.4		2.0		11.9	1.7	.4			2.1	900
	15-17	•1	7.6		1.3		8.9	•1	•1		-1	.3	900
	12-14		8.1		2.4		10.2	1.7	•3		•1	2.1	900
	09-11		11.8		3.7		14.7	5.0				5.0	900
	06-08		12.3		3.2		15.2	10.9	•3			10.9	900
	03-05		10.4		2.7		13.1	9.8	•3			9.8	900
SEP	00-02		10.6		3.4		13.3	5.9	.4			6 • D	900
MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND. OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	NO OF OSS.

USAPETAC JULY 64 0-10-5(QL. A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLET

WEATHER CONDITIONS

702650

EIELSON AFB AK

73-82

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		1.8	-1	23.4		24.8	7.8				7.8	930
	03-05		1.8	-3	24.1		26.0	7.0				7.0	930
	06-08		2.4	•2	22.8		25.2	9.1	-1			9.2	930
	09-11		2.0		24.7		26.2	9.9				9.9	930
	12-14		1.6	•1	21.5		22.7	5.9				5.9	930
	15-17		2.2		20.8		22.5	4.5		•1		4.6	930
	18-20		1.8	.4	23.0		24.7	6.0		.1		6.1	930
	21-23		2.3	•2	26.1		27.8	7.5				7.5	930
, ,:													
TOTALS			2.0	-2	23.3		25.0	7.2	•0	•0		7.3	7440

USAPETAC PORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS PORM ARE DISOLETE

WEATHER CONDITIONS

702650

EIELSON AFB AK

73-82

NOV

STATION

VEADE

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONCITIONS FROM HOURLY OBSERVATIONS

TOTALS		 	.4	•5	27.1		27.6	8.5	-1	•1		8.6	7200
								<u> </u>					
					I.							*	
	21-23	-	•3	•3	26.0		26.3	9.6	: :	•1	•	9.6	900
	18-20		.6	•3	25.6		26.2	9.0	<u> </u>			9.0	900
	15-17		.4		25.2		25.7	3.6				8.6	900
	12-14	1	•1		27.4		27.6	7.3	-1			7.4	900
	09-11	:	•3	.3	28.3		28.7	1.4	•3	.1		8.9	900
	06-08		•6		28.3		28.9	8.4	•3	•2		9.0	900
•	03-05	1	•3	.3	28.9		29.3	7.4		-1		7.6	900
NOV	00-02		•2	.6	27.1		27.7	9.0				9.0	900
MONTH	HOURS (LST)	THUNDER- STORMS	RAIN ,4D OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS

USAPETAC FORM 0-10-5(OL A), PREMIOUS EDITIONS OF JAIR FORM ARE OBSOLETE

WEATHER CONDITIONS

702650

EIELSON AFB AK

73-82

DEC

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE OF MEATHER CONDITIONS FROM HOURLY JOSEPVATIONS

монтн	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND: OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02			-1	23.4		23.4	19.7				19.7	930
	03-05				25.6		25.6	19.9				19.9	930
	06-08		<u> </u>		22.3		22.3	20.5		•2		20.8	930
	09-11				18.5		10.5	23.3	•1	. •		23.9	930
	12-14				17.3		17."	20.1		•2		20.8	929
, ,	15-17			-1	18.2		18.3	22.2	.1	.4		22.8	927
	18-20				21.7		21.7	22.5		.3	-	22.7	927
	21-23			•1	21.8		21.8	20.8	-1	-1		20.9	927
									1				
							-						
TOTALS				•D	21.1		21.1	21.1	-1	•2		21.4	7430

USAFETAC FORM 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE DESIGNETE

WEATHER CONDITIONS

702550

EIELSON AFB AN

73-82

ALL

STATION

STATION NAME

YEARS

HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		-0	.4	14.8		15.0	21.0	.0	• 3		21.3	7440
FEB			•5	-3	12.6		13.0	11.9		•2		12.0	6768
MAR			•1	-0	14.3		14.3	1.3	-1	-1		1.5	7439
APR			2.1		7.9	.0	9.D	.8		-1		.9	7200
MAY		.1	6.4		•3	.0	6.6	.8	.4			1.1	7431
JUN		.6	11.0			.0	11.0	1.1	.8			1.9	7200
JUL		1.5	11.8				11-8	3.4	-5		•0	3.7	7440
AUG		.4	11.5				11.5	5.3	-5			5.7	7439
SEP		.0	10.2		2.6		12.4	4.8	.3		•0	5.0	7200
OCT			2.0	•2	23.3		25.0	7.2	•0	•0		7.3	7440
NOV		-	.4	-2	27.1		27.6	8.5	-1	•1		8.6	7200
DEC				.0	21.1		21-1	21.1	•1	•2		21.4	7430
TOTALS	 _	•2	4.6	•1	10.3	.0	14.9	7.3	•2	•1	- 0	7.5	8763

USAFETAC $^{POBM}_{ARY.64}$ 0-10-5(QL. A), PREVIOUS EDMONS OF THIS PORM ARE OBSOLETE

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence. This presentation is by month with annual totals, and is prepared with all years combined.

MOTES: (1) A day with rain and/or drissle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile:

XX MEASURE CONCINCIAL ATHOSPHERIC PHENOHENA

702650

EIELSON AFB AK

44-82

ALL

STATION

STATION NAME

YEARS

PERCENTABE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		3.5	3.3	47.8		48.3	47.6	4.7	1.9		50.6	1146
FEB			2.5	1.8	44.8		45.5	35.7	3.6	2.0		38.5	1044
MAR			2.4	.3	37.1	•1	37.7	16.7	1.6	1.9		18.9	1197
APR	İ	-1	6.1	.4	30.2	•1	33.2	7.6		1.2		8.4	1110
MAY		1.6	40.3	•1	7.6	1.1	12.6	5.6	.5	•2	-	6.1	1146
JUN		9.7	58.5		•2	1.4	58.1	8.5	4.2		•2	12.5	1057
JUL	1	12.7	61.7	-1	•1	•2	61.8	18.6	6.5			23.2	1085
AUG	!	4.5	59.6		. 4	.5	59.8	27.8	5.5			30.0	1085
SEP		-3	45.7	•2	13.0	-1	51.6	26.7	3.3		•1	29.0	1050
001			12.8	1.8	50.1		55.8	32.9	1.5	.5		33.5	1116
NOV			3.7	2.1	51.6		53.3	34.3	2.2	1.6		35.9	1110
DEC			2.1	2.4	52.9		53.6	42.8	3.4	2.0		44.5	1146
TOTALS		2.4	25.1	1.0	28.D	.3	50.1	25.4	3.1	.9	.0	27.6	13242

USAPETAC POINT 0-10-5(QL A), PREVIOUS EDITIONS OF THIS FORM ARE OSSOLETE

B

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and amount. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME I	DAILY	PRECIPITATION	".00"	equals	none	for	the	month	(hundredths)	
EXTREME I	DATLY	SNOWFALL	"•0"	equals	none	for	the	month	(tenths)	
TAMBBAR I	DATT V	CMOW DEDWY	"O"	emel e	none	for	the	month	(whole inches	١

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SMOWFALL for each yearmonth and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES:
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 12300MT
Jun 57-present	at 1200CMT	Jun 57-present	at 1200GMT

DAILY AMOUNTS

PERCENTAGE PREQUENCY OF (FROM DAILY OBSERVATIONS)

702550 STATION EIELSON AFB AK

44-82

YEARS

						AM	OUNTS (II	NCHES)						PERCENT		MONT	HLY AMO	DUNTS
PRECIP.	NONE	TRACE	.01	.02- 05	.0610	.1125	.26- 50	.51-1.00	1 01-2 50	2 51 - 5 00	5.01-10.00	10 01 20 00	OVER 20 00		TOTAL NO.		(INCHES)	
NOWFALL	NONE	TRACE	0.1-0.4	0.5.1.4	1 5-2.4	2 5 3 4	3 5-4 4	4 5-6 4	6 5-10-4	10.5-15 4	15 5-25 4	25.5-50 4	OVER 50 4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW. DEPTH	NONE	TRACE	١	2	3	4.6	7-12	13-24	25-36	37.48	49-60	61-120	OVER 120	AMTS				
MAL	49.1	28.1	3.5	8.1	4 • 2	4.9	2.4	• 5	•2					23.8	1143	. 89	4.05	-01
FEB	48.9	26.4	4.6	8 - 5	4 • 2	4.9	1.9	• 5						24.7	1042	.64	2.52	TRACI
MAR	58.8	18.7	3.8	8 - 8	4.9	3.7	1 • D	• 3						22.5	1144	.58	2.71	TRACE
APR	52.3	19.2	2 . 8	7.0	3.1	4 • 3	•6	• 5						18.4	1107	•50	4.37	TRACE
MAY	52.8	26.7	3.4	5.3	4 - 6	3.8	2.7	• 5						20.5	1144	. 8 0	2.04	-0:
MUL	39.0	24.7	5.2	10.1	6 - 8	7.2	4.7	1.7	• 6					36.3	1057	1.68	4.20	•21
JUL	36.9	19.6	5.4	10.9	7.2	10.0	5.9	3.5	• 5					43.5	1116	2.47	5.17	. 4 :
AUG	38.2	21.3	4.7	11.2	6 • 3	9.1	6.1	2.4	• 5	•1				9D.4	1115	2.28	7.47	-61
SEP	47.2	17.1	6.5	10.3	6.7	7.0	4.3	1 • D	•1					35.9	1050	1.33	3.14	•1
ОСТ	39.9	24.1	6.1	12.6	7.3	7.5	2.4		-1					36.D	1115	. 99	3.77	•0:
VCN	41.1	26.4	5 . 8	11.2	7.0	6.7	1.6	. 3				 		32.6	1130	-84	2.68	-01
DEC	42.1	29.1	5.7	13.8	5.0	5 • 2	1.6	• 5						28.6	1176	. 75	2.64	• 0
ANNUAL	46.3	23.4	4.8	9.6	5.6	6.2	2.9	1.0	•2	•0				30.3	13339	13.75		

USAFETAC OCT 78 0.15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH

USAFETAC AIR WEATHER SERVICE/HAC

EXTREME VALUES PRECIPITATION

FROM DAILY OSSERVATIONS

7_2550 STATION

EIELSON AFB AK STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
44	•									•	•13	• 27	
4 5		• 34	-16	. 11	.29*	-26							
4.5	•	•									•35	•90	
47	.51	TRACE	. 07	.09*	. 39		.13	.25		.16	-41	-04	
₩ 8	•50	. 40	• 60	.80	.83	.57	.92	.99	.29	.34	-30	•51	. 99
49	.31	.81	.09	• 25	.27	.59	.69*	.23	•05	.38	.07	.18	. 8 1
5.0	•53	•13	. 39	• 58	.10	.84	.92	1.13	.28	.17	.68	•12	1.13
5.1	.11	.18	•22	• 02	.09	-51	.30	.35	.59	.13	.11	.28	. 59
52	.81	. 34	-26	.14	.18	•50	.56	.71	.67	•27	.06	.01	. 61
53	• 37	.06	.05	•13	•53	1.36	1.26	2.00	.41	•26	-06	.19	2.00
54	.60	• 15	. 29	•01	•17	1.02	•51	•22	1.29	-08	.24	.51	1.29
5 5	.21	.50	. 34	.14	.89	1.26	.82	.54	.83	.25	.17	.41	1.26
56	•27	.34	- OS	.16	40	•53	.57	.92	42	•43	.35	.27	. 92
57	1.18	.60	.43	.10	.07	.16	1.01	.43	.54	•23	.17	-24	1.18
5 8	* 17	.19	•20	•12	.46	.27	1.12	•29	.42	•33	•1B	-20	1.12
50	.35	. 43	•25	.07	.76	.34	-69	.44	. 86	•30	.32	•23	. 86
60	49	•20	.19	•22	•10	• 30	.21	1.02	.85	•20	.24	80.	1.02
51	. 05	.14	.06	. 36	• 25	.26	.97	1.18	.46	.48	•22	.27	1.16
62	. 38	•6D	.56	• 26	.43	1.23	1.64	.64	.42	.07	•12	.26	1.64
63	. 49	.15	.80	.61	-10	.57	.56	.90	.11	1.18	.29	.31	1.18
	* . 39		.17	.20	•28	1.00	.54	.43	.37	.26	- 33	•21	1.00
65	* .05	.23	304		•26	.38	. 38	1.10	90*	.13	.19#	•72	1.10
- 66	. 344		.10	•19	-14	• • 0	•23	. 34	.66	•26	.53	•21 *	• .75
67	* .13	.08	.33⊭		•33	.73	1.63	3.41	.22	.16	.09	.21	3.41
66	47		TRACE	.05	•8D	.81	.63	.29	- DB	-24	•D6	.75	. 8 1
69	.27	.09		TRACE	-29	-26	.21	.69	.19	•02	.21	-02	.69
70	05	.10	.03	.23	.24	.67	.28	• 4 0	46	•23		- 24	.74
71	.19	-17	• 03·	.14		.18	.54	-56	.54		.50	•40 l	_
72	+ •19	.07	•20	110	•23	-18	.34			.48	-24	•21	56
								.23	.49		_	. 4	
73	•29	•01	.13	-03	-59	.92	.63	.59	-06	-41,	.23	-17	. 92
MEAN	4						i		· · · · · ·				
S. D.													
TOTAL OBS.	E !	MOTE		FD ON	I CCR TI			THE		<u> </u>		1	

NOTE + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC ALM 0-88-5 (OLA)

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

7.02650 --- ETELSON AFR AN STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
74	.15	.23	•29	•07	•06	•60	• 55	.72	•15	.45	•25	-18	.77
_ 7.5	_33,		. 27.	56.	•D1.	•1D.	.61.	·62.	.23 .	-14.	.25.	. 32	-61
76	• 05	TRACE	•11	•02	.41	.14	. 83	•53	.21	•25	.06	.04	.83
.7.7	1.21	• 23.	11.	. 20.	-28.	1.38.	. 62 .	•21.	•57.	•25.	_115	•22 .	1.39
78	.31	.12	.06	•12	-14	•30	• 35	.54	• 32	.18	.27	.20	.58
.19	. 29.		18	 19.	11.	49.7 .	▲RD.	78.	 ₽6.,		23	. 10.	. 80
9.0	• 22	.11	.10	TRACE+	•22	.81	. 45	.64	-18	.10	.23	.05	. 61
81	• 04	. 73,	18,	.10	_•17.	<u></u>	91.	• 39.	23.	10.	_ 15.	.26	• 91
82	•08	-26	-10	.14	.49	.37	•72	.88	.23	•24	.38	.05	. 88
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				<u> </u>									
MEAN	.329	.225	•219	-166	.325	-589	4671	. 726.	-118	. 268.	.253.	.231	.972
5. D	•291	.209	-175	-174	• 235	_ • 357:	. 359	-591	. 286.	. 198.	.161.	184	. 321

NOTE USAF ETAC ACM 048-5 (OLA)

FROM DAILY OBSERVATIONS.

7 2650 EIELSON AFB AK STATION NAME

TOTAL HONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB.	MAR	APR.	MAY	JUN.	JUL	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
44											.28	-16	
<u> 45</u>	• D8	.50	• 5.D.	. 47	.67*	.66						·	
46											•53	1.61	
47	2.00		•22	.23*			.43	•60		•76	• 95	•96 .	
46	1.30	• 65	1.09	4.37	1.41	2.05	3.67	5.01	•59	• 6 0	.82	2.45	24.2
49	1.12	1.67	• 32	.18	. 87	3.13	4.86#	1.51	•13	•79	.13	•53_	. +14.4
50	2.08	. 15	• 79	.09	.28	1.00	3.04	2.62	.58	•58	1.48	.45	13.1
51	.29	• 73	-47	.02	-31	1.32	1.45	1.17	1.13	•29	1.05	.94	9.1
52	1.39	.16	.82	.19	-66	1.71	2.64	1.85	2.21	-64	.12	-01	12.
5 3	-11	-16	- 08	• 15	1.67	2.48	2.62	3.32	1.32	.48	-06	.57	13.
54	1.68	.20	.79	•01	• 30	2.47	2.30	1.15	2.23	•25	•55	1.31	13.
5 5	.69	1.97	1.07	. 36	2.04	4.20	2.70	3.29	2.09	1 -12	.75	2.54	22.
5 t	1.20	2.15	. 38	.53	1.15	1.40	1.75	3.07	1.20	1.88	1.87	.83	17.
57	4.05	2.52	.58	. 21	• 15.	.24	2.15	.74	2.19	1.24	.40	-58	15.
58	.79	.27	.5D	• 37	. 98	.71	1.83	.83	1.57	1.47	.96	.63	10.
59	• 36	1.87	• 52	.18	1.39	.86	3.84	1.86	2.22	1.21	1.46	1.34	17.
60° *	1.52	.80	.71	.41	• 25	1.02	. 86	2.62	2.98	.78	.66	.27	12.
61	-14	.47	•21.	1.59	.78	.96	4.15	4.24	3.14	2 .97	.93	. 8 D	20.
52	1.49	2.13	1.58	. 83	. 96	2.68	5.17	3.43	1.91	.34	.34	.88	21.
63	2.04	.59	2.71	1.31	•27	3.15	2.30	3.29	.20	2.63	.84	.74	20.
64	. 23*	1.08*		1.30	.91	1.97	2.20	1.93	1.21	.64	.93	.78	*13.
65	+ .12	. 37	.57≒		.31	2.00	1.56	2.23	2.75#		96*		*13.
56	• 0.5i *	1.96*		.44	.71	1.29	.80	1.01	.98	.67	2.15	•30	+10.
1.	.54	.24	1.46		1.10	1.34	4.98	7.47	-53	.43	.48	.99	+20.
68 *	1.19		TRACE	.15	1.06	2.44	1.46	1.62	.21	•59	.27	1.08	10.
69	•51	.13	•5D	TRACE	.74	.55	2.09	2.42	.20	.03	.43	•02	7.
7u *	• 13	.20	-06	.37	.94	1.91	1.29	1.47	1.77	1.01	2.68	1.17	13.
71	. 44	. 8 4	•22	. 3D	.62	.33	2.15	3.25	2.06	3.77	.79	1.48	16.
. 72	• 48	-16	•53	• ZB *		.81	1.20	.71	2.55	1.05	.68	.67	+ 9.
73	.60	.01	.43	-06	1.39	1.58	3.04	2.28	-19	1.45	1.03	•32	12.
MEAN						10.79	3004		• • • •	4 97 3,		• 3 €	
S D					-				+			+	
OTAL OBS.								+					

USAF ETAC ALL M 0-88-5 (OLA)

MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS:

702550 EIELSON AFB AK STATION NAME

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	NUL	JUL	AUG	SEP.	ост	NOV.	DEC	ALL MONTHS
74	.23	.69	.75	•12	. 39	1.33	1.70	1.61	. 34	1.32	1.24	.75	10.17
. 75	64.	D A	.53 .	-85.	+S2.		_ 2.1 2.	_3.36	-76	62.			10-03
76	• 09	TRACE	•41	• 02	1.22	.34	3.55	1.29	.47	-68	.26	•79	8.42
	153	. 5.7.	.38.	9	1.03.	3.58	2.24.	75.	2.98.	1 .29.	28#	71 .	*15.89
79	• 55	• 30	•12	• 35	- 30	1.32	.79	1.84	1.34	•6C	1.10	1.19	9.80
. 19,	69.	. □ 9.	. 68 .	67,	- 25	2.06	3.64.	1.62.	-18.		69.	.56	. 11.53
9 û	•75	.15	.18	TRACE*	.46	2.24	2.00	1.73	.59	•26	.91	-16	+ 9.4
8.1		1.09.	18.	-21	1.15.	1.34	9.21.	1.66.	80.	41.	57	51_	.12.1
8.2	.13	. 44	•29	•57	1.19	2.41	2.99	5.65	1.03	1.20	1.15	•11	14.1
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		+		+					+		+	+	
MEAN						-			+			-	
S.D.	894	-692	-581	.497	.799			2.285	1-332	991	-841.	-751	_19.092
TOTAL OBS	842	711	524	-767	492	.969		1.396	-936	<u>. 792,</u>	557.	622	9.526
IUIAL OIS.	1143	1042	1144	1107	1144	1057	1116	1115	1050	1115	1130	1176 !	13339

NOTE + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC AN M 0-88-5 (OLA)

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SHOUP ALL

712650

EIELSON AFB AK

44-82

STATION

STATION NAME

YEAR

1	AMOUNTS (INCHES)												PERCENT		MONTHLY AMOUNTS			
PRECIP NONE	NONE		OH	02: 05 0 3:1 4	06 10	.11- 25 2 5-3 4	.26- 50 3 5-4 4	.51-1 00 4 5-6 4 13-24	1 01 · 2 50 6 · 5 · 10 · 4 25 · 36	4 10.5-15.4	 	10 01-20:00 25:5-50:4 61-120	OVER 20 00	OF DAYS WITH MEASUR- ABLE	TOTAL NO.	(INCHES)		
	NONE		0104		1 5-2.4								OVER 50.4		OF OBS	MEAN	GREATEST	LEAST
SNOW DEPTH		TRACE	1	2	3	4-6	7.12						OVER 120					
MAL	47.8	26.1	9.3	9.2	3.6	1.7	1.0	1.0	-3	•1				26.2	1116	10.5	35+1	1.
FEB	52.4	20.5	12.1	9.2	2.5	1.6	.8	. 5	.4	-1				27.1	1017	8 . 6	34.2	TRAC
MAR	59.6	16.2	10.9	7.8	3 . 3	1.0	.7	• 2	• 3					24.2	1116	7.2	30.9	•
APR	66.4	16.5	8.1	5.3	2.3	.6	•2	.5	-1					17.1	1080	5.0	37.9	TRAC
MAY	91.4	5.9	1.2	1.0	.4	•2								2.7	1113	. 8	6.0	-1
אטנ	99.8	•2													1049	TRACE	TRACE	•
JUL	99.9	- 1													1116	TRACE	TRACE	• 1
AUG	99.6	.4	1			,									1115	TRACE	TRACE	• 1
SEP	86.3	8.4	1.6	2.4	• 5	• 3	•5	-1		_				5.3	8050	1.9	12.4	• :
ост	46.7	20.0	12.9	12.1	3.8	3.0	.9	• 5	•1	-1				33.3	1116	11.7	39.6	• •
NOV	42.8	22.0	13.6	11.6	5.5	2.5	.9	• 4	.7					35.2	1110	12.5	46.8	•
DEC	42.9	25.7	13.3	10.5	4.1	1.2	1.2	. 8	•3	-2				31.6	1146	11.2	32.1	•
ANNUAL	69.6	13.5	6.9	5.8	2.2	1.0	•5	. 3	.2	.0				16.9	13144	69.4		

USAFETAC OCT 75 0-15-5 (OL A) PREVIOUS POITIONS OF THIS FORM ARE

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS;

7. 265C EIELSON AFB AK STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR	APR	MAY	JUN	JUL	AUG	SEP	ост	NOV	D€C	ALL MONTHS
44								•	•	•			
- 4 5 •			•				-		· ·		4.B	8.0	
47	5.1	TRACE	.7	. 61	• .1		.0	.0		1.2	4.1	.4	
48	5.0	4.0	6.0	8 . D	• 3	• 0	.0		.7	3.4	3.0	5.1	6.5
49	. 1	8.1	.,9	.5	2.0	•0	• 01		•0	3. B	.7	1.8	8.1
-55	5.3	1.3	3.9	. 8	TRACE	•0	•0	• 0	TRACE	1.7	6.8	1.2	6.6
51	1.1	1.8	2.2	TRACE	•1	.0	-0	.0	•1	1.3	1.1	2.8	2.5
5.2	8.1	.4	2.6	1.4	1.2	• 0	•3	•0	1.7	2.7	• 5	•1	8.
5 3	.7	-6	.5	1.3		• 0	.0	-0	•1	6. D	. 6	1.9	
54	8.1	1.5	2.9	• 1		• 0	•0			. 8	2.4	5.1	6 • 1 8 • 1
55	2.3	3.9	3.5	1.4	TRACE	• 0	.0	TRACE	TRACE	2.2	1.9	5.4	5.0
5 E	3.1	3.1	.4	1.5	٠,6	•0	•0	•0	•3	6.4	3.6	2.7	= \frac{5}{6}
57	12.7	5.4	3.6	. 8	•1	• 0	.0	. 0	4.3	3.4	1.8	2.5	12.
58	2.2	2.5	2.1	. 8	.7		.0	• 0	.9	3.3	1.7	2.0	3.:
59	3.9	4 . 2	2.5	. 9	• D	• 0	• D	• 0	TRACE	1.9	3.2	2.3	
60	4.9	2.0	1.9	2.1	TRACE	• D	•0	.0	5.0	1.3	2.4	.8*	- 4 · 2
61	• 5	1.4	.6	3.6	•2	• D	.0	• 0	2.4	4.3	2.2	2.7	4.3
62	3.8	6.0	5.6	2.6	. 4	• 0	• D	TRACE	3.6	.7	1.2	2.5	6.0
63	4.9	1.5	8.0	6.1	. 7	TRACE	.0	• 0	• 0	11.8	2.9	2.9	11.0
64	1.2	1.7	1.9	2.1	2.9	• D	•0	•0	TRACE	2.6	5.9	3.7	5.9
65	1.0	7.2	. 4	2.8	2.1	• B	• D.	.0	1.4	3.4	3.2	11.3	11.3
66	.8	14.2	1.4	1.1	1.3	• D.	•0	•0	•0	3.0	8.1	3.0	14.
67	3 - 3	1.4	7.0	2.3	TRACE	• D	.0	• D	TRACE	2.4	2.6	4.0	7.0
68	5 • 5	2.2	•2	3.D	2.4	- 0	• 0	• 0	• 6	2.7	1.7	10.0	10.0
69	2.9	1.4	4.2	• 2	- 3	• 0	• 0	TRACE	• D ₁	• 6	4.2	• 2	4 . 2
70	1.2	1.8	• 7	3.4	TRACE	• 0	-0	• 0	4.1	3.4	8.4	6.7	8.4
71	7 . 2	2.0	1.9	1.4	2.9	. 0	• 0	• D	TRACE	4.9	4.9	5.8	7.2
72	1.5	1.6	2.1	1.3	TRACE	• 0	• 0	. 0	3.7	2.6	3.7	2.4	3.
73	3.7	• 3	1.5	. 4	TRACE	* • D	•0	•0	.9	4.1	3.7	2.1	4 - 1
MEAN													
S. D.	1			!	1								
TOTAL OBS.	!	1											

NOTE + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC PORM 040-5 (OLA)

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOFFALL

FROM DAILY OBSERVATIONS

7.026.50 EIELSON AFR AK STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH"	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	ост	NOV	DEC	ALL MONTHS
74	2.2	3.8	3.2	•6	TRACE	TRACE	•0	•0	.4	7.4	7.3	6.4	7.
75	5.9.		3.7.	5.7.	TRACE.	. □.	B,		TRACE,	3.4.	3.7.	.3.	5
76	1.4	•2	2.7	• 2	TRACE	• 0	•0	•0	•0	5.1	1.9	• 6	5.
<i>77</i> .	5 . 6.	5 . 2.	1.2.	3.5.	D.			_D .	₽.	3.8.	1.79	3.5.	
78	4.2	2.8	1.3	• 7 :	•0	- 0	• 0	•0	• 2	2.6	3.3	4.2	4 • 1
79	<u>. 6.0</u>	27	2.4	2.1,	0.	. <u></u> .	<u>. 0</u> .		TRACE.	la D.	2.3.	2.0.,	
90	4 • 1	1.3	1.3	TRACE		• 0	•0	• 0	•5	1.2	2.5	1.4	• •
81		B_1.	1.8,	1-1			TRACE.		IRACL.	1.	2.9.	5.4.	
82	2.3	5.0	3.2	2.1	.7	• D	.0	• 0	TRACE	3.4	4 . B	1.4	5.
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MEAN	3.77	3.07	2.50	1.85	.55	TRACE	TRACE.	TRACE	- 91	3.18	3.26.	3.36	6.9
\$. D.		2.895	1.864	1.793	.899	.000		.000	1.460	2.213	1.969.	2.677	2.11
TOTAL OBS.	1114	1017	1116	1080	1113	1049	1116	1115	1050	1116	1110.	1196	1314

NOTE + (BASED ON LESS THAN FULL MONTHS)

GLEBAL CLIMATOLOGY BRANCH LSAFETAC AT HEATHER SERVICE/MAC

(FROM DAILY OBSERVATIONS:

7 2550 STATION

EIELSON AFB AK STATION NAME

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB.	MAR	APR	MAY	NUL	JUL	AUG.	SEP.	ост.	NOV	DEC.	ALL MONTHS
54													
45						_	_	4				_	
46	•	•	•								5 • B	16.1	
47	20.2	TRACE	2.2	-6	• .1		_ • D_	• D		6.4	9.5	•6	
. €	13.0	6.5	10.9	37.9	. 3	• 0	•0	TRACE	1.9	7.6	7.2	24.5	109.0
99	11.2	16.7	3 . 2	1.8	2.5	• D	.05	. 0	.0	7.0	1.3	5.3_	+ 49.
50	20.8	1.5	7.9	.8	TRACE	• 0	• 0	• 0	TRACE	5.8	14.B	4.5	56.
51 [2.9	7 . 3	4.7	TRACE	• 1	• D	• D.	.0	-1	2.9	10.5	9.4	37.9
52	13.9	1.5	8.2	1.8	1.7	• D	.0	• 0	4.0	6.3	1.1	• 1	38.0
5.3	1.1	1.5	-8	1.5	TRACE	• 0	0	• 0	-1	12.7	- 6	5.7	24.1
5.4	22.1	2.0	8.3	. 1	٠.0	• 0	• D'	• 0	TRACE	3.0	5.3	13.7	54.
5.5	7.6	16.3	10.7	3.6	TRACE	• D)	• 0	TRACE	TRACE	13.2	8.2	32.1	91.
56	14.C	23.6	.7	5.0	•0	• B	•0	• D	• 5	21.8	18.9	8.6	93.
5.7	35.1	22.4	5.1	1.9	-1	• 0	• D	- 0	11.4	14.8	4.2	5.0	101.
5 t	8.9	3.2	5.2	2.D	.7	• 0.	• D	•0	3.7	13.0	9.6	6.5	52.
59	4.0	18.3	5.3	2.0	• C	• D	• 0	• B,	TRACE	5.5	14.6	13.4	63.
60	15.2	8 . D	7.1	4.0	TRACE	• 0	• 0	• 0	5.9	4.8	7.0	2.7	54.
61	1.3	4 . 7	2.1	14.7	•2	• 0	• D.	• O	5.0	27.8	9.3	7.9	73.
52	14.9	21.2	15.8	8.3	. 6	• 0	.0	TRACE	6.D	3.4	2.4	8.7	81.
53	16.8	5.9	26.5	9.4	.7	TRACE	.0	• 0	•0,	19.7	8 • 4	7.4	94.
54	2.4	10.1	7.3	10.1	6.0	.0	.0	.0	TRACE	4.8	18.4	15.9	75.
65	2.7	13.9	1.1	5 . 5	3.3	• 0	.0	- 0,	2.1,	17.7	23.6	31.1	98.
66	1.4	34.2	5.7	2.4	1.6	• 0	.0	•0	•0	9.7	42.0	6.1	103.
67	15.9	6.1	30.9	10.1	TRACE	- 0	• 5	.0	TRACE	6.2	9.9	17.9	97.
68	21.1	7.2	• 2	6.1	2.4	• D	.0	• 0	1.5	12.5	9.5	20.1	80.
69	8.9	2.3	12.9	-2	. 3	• D`	. 0	TRACE	•0	. 9	12.7	. 3	38.
70	4.3	5.3	1.5	9.8	TRACE	• D:	• 0	• 0	12.4	17.9	46.8	28.0	126.
71	12.5	13.7	5.1	2.3	4.9	• D	.0	• O	TRACE	39.6	11.1	23.7	112.
72	7.9	3.9	7.5		TRACE	• 0	• D.	.0	8.3	10.2	11.0	11.9	+ 64.
73	6.6	. 4	5.4		TRACE		• D.	. 0	1.4	11.8	18.1	4.6	+ 49.2
MEAN									+	***			
S.D.									+				
TOTAL OBS													

USAF ETAC AT M 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

FROM DAILY OBSERVATIONS

7C2650 ETELSON AFB AK

TOTAL MONTHLY SHOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP.	ост	NOV	DEC	ALL MONTHS
74 75 .	3.1 13.5	8.9	9.8	.8	TRACE	TRACE	• 0 • 0	• D	TRACE	21.5	23.1	21.5	89. 57.
76	3.2	. 1	7.7	. 2	TRACE	• 0	• 0	• 0	• 3	16.6	6.7	1.5	36.1
11 .	19.3	10.9	_6.3.	9.7.	D.	0	. D.			18.5.	5.1*	10.1.	+ 75.4
76	7.4	3.9	2.9	1.3	•0	.0	• 0	• D	• 2	11.4	19.4	19.1	65.6
7.9	11.9.	2.7.	9.5	5.2	0.	0	. D.		TRACE.	5.0.	7.6.	. 7.5.	. 49.5
80	12.4	2.2	2.2	TRACE	0	•0	• 0	.0	•5	2.B	12.4	3.2	* 35.
9.1	1.2	19.2	1.8.	1.3.			TRACE.		TRACE.	3.1.	12.2.	12.5	974
82	4.3	10.5	9.9	7.1	.7	• 0	• 0	• O	TRACE	20.9	24.4	3.1	80.
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		•											
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MEAN	10.50	8.58	7.24	5-09	. 79	TRACE	TRACE	TRACE	1.89	11.71	12.49	11.18.	72.71
S.D.	7.583	7.976	6.461	6.820	1.477	.000	000	.000	3.282	8.265	9.497	8.995	25.701
TOTAL OBS.	.1116	1017	1116	1080	1113	1049	1116	1115	1050	1116	_1110:	_11961	13144

USAF ETAC ACTION DASS (OLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

7 2650

EIELSON AFB AK

STATION NAME

YEARS

						AM	OUNTS (II	(CHES)						PERCENT		MON	THLY AMO	DUNTS
PRECIP	NONE	TRACE	. 01	.02- 05	0610	.1125	.2650	.51-1.00	1 01 2 50	2 51-5.00	5 01-10.00	10.01-20.00	OVER 20 00		NO.		(INCHES)	_
NOWFALL	NONE	TRACE	0.1-0.4	0.5-1 4	1.5-2.4	2 5 3 4	3.5-4.4	4 5-6.4	0.5-10 4	10.5-15.4	15.5-25.4	25.5-50 4	OVER 50.4	MEASUR-	OF OBS.	MEAN	GREATEST	LEAST
SNOW: DEPTH	NONE	TRACE	1	2	3	4.6	7-12	13-24	25-36	37 - 48	49-60	61-120	OVER 120	AMTS				
MAL		1.3	1-4	. 3	3.3	6 • D	23.3	49.2	12.9	2 • 3				98.7	1116			ĺ
FEB		1.0	• 5	2.8	. 8	4.3	18.1	42.1	26.2	4.0	- 3			99.0	1017			
MAR	• 5	1.1	- 5	3.8	2.9	4.4	18.4	43.0	20.9	4.6				98.4	1116			
APR	20.3	12.5	5.1	3.2	3.1	7.8	17.5	24.4	5 . 2	. 8				67.2	1080			
MAY	92.5	4.4	.7	• 5	- 6	. 4	• 3	. 4						3.1	1119			
אטנ	130.0														1080			
וחר	150.0														1115			
AUG	130.0														1115			
SEP	95.8	2 • 4	• 5	- 6	- 3	• 5								1.8	1080			
ост	33.0	8 • 2	11.1	9 - 1	9 • 8	21.6	7 . 2	- 1						58.9	1116			
NOV	1 - 4	4.1	5.9	6.4	9.4	22.8	36.3	13.3	.5	_				94.6	1110			
DEC		- 3	2.9	1.3	3.9	14.7	40.2	32 • D	4.3	. 4				99.7	1146			
ANNUAL	45.3	2.9	2.4	2.3	2.8	6.9	13.4	17.0	5.8	1.0	.0			51.8	13205			

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

702550 EIELSON AFB AK
STATION STATION NAME

1-82

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APk.	MAY	JUN.	JUL	AUG.	SEP.	ост.	NOV	DEC.	ALL MONTHS
4 4		•							•		5	6	
<u> </u>	6	8	12	11	5.★	٥			 +				
46											12	19	
47	41	39.	35	7.5			_ 3	. 0		. 5,	14	12	4.1
48	20	26	39	45		o'	D		TRACE	5	6	20	45
49	20	32	24	10	3.	0	D.	٥		. 6	20	8	- 3 <u>2</u> 35
5 C	29	30.			TRACE	۵	٥	۵	D	8		29	
51	33	39	41	39	TRACE	0	0	ם	TRACE	3	13	- 24 -	41
52	3 &	31	30	18	10	C	o o	0	2	6	6	3	38
53	4	5	5	3,	0	0 :	0	0	D	5	6	10	10
54	19	16	16	9	0	0	0	0	٥	1	2	12	10 19
5 5	13	25	26	10	1	D	0	0	٥.	6.	9	25	26 37
56	25	37	36	26.	E	O.	0	0	TRACE	10	18	15	37
5 7	37	37	24	20	TRACE	D	D	0		5	5	9	37
58	13	13	13	10	0	0	0	0	TRACE	8	11	16	16
59	18	26	21	20	.	Ū.	0	Ò	TRACE	3	8	12	26
60	19	18	21	16	TRACE	0	5	- C	3	3	8	8 †	21
61	8	3	4	7	ני	0	D	0	TRACE	12	14	17	17
62	24	35	48	26	5	0	D	0		2	2	7*	98
63	16	18	29	26	TRACE	o o	ō	3		6	9	10	29
64	10	17	18	16	1	0	0	0	3	3	12	19	19
65	16	24	20	1.	2	Ö	ō	0	ם ·	10	20	33	33
66	33	54	33	16	3	0	<u></u>		<u> </u>	5	25	20	33 54
67	28	25	32	28	D.	D	0	0	. D.	4.	6.	10	32
68	27	20	14	28 7	1	0	0	<u>_</u>			10	22	32 27
69	21	21	25	19	اھ	0	0	0		1	9	5	25
70	8	9	8	-	<u> </u>	<u> </u>	<u>0</u> :	<u> </u>	- 4	6	34	39	25 39
71	36	34	38	19	2.	٥	D;	D	•	8	14	22	38
72	23	29	23	23		<u> </u>	0	0			10	19	24
73	17	16	15	6	Č.	ŏ	٥.	-	TRACE		14	13	17
MEAN				-					7 ' N O L			*	
5. D.	+	 †							+				
TOTAL OSS.		+			+				<u> </u>				
		MOTE	4 1945	ED ON	1556 1	MAA PIN	4 22 24	THES					

NOTE . (BASED ON LESS THAN FULL MONTHS)

USAF ETAC AL M 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

7.02650 EIELSON AFR AK STATION NAME

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
74	14	19	21	15	۵	0	0	٥	TRACE	13	17	25	25
75 .	30,	28.	26.	26,	6.		<u>.</u>	D.	0.	5.	9	9.+	30
76	9	7	12	10	D	0	٥	O	٥	12	8	1	12
77	. 7.	16.	13,	17,	0.	Ω.		<u>.</u>	TRACE.	9	8.#	15.	1.7
78	20	20	17:	15	۵	D	0	9	D	ٽ	16	22	22
7.9	25.	30.	26.	24	<u>.</u> 0.	.	0.	₽.	<u>0</u> .	4.	. 4.	<u>A.</u> ,	30
80	14	10	4	TRACE	p	O	0	٥	TRACE	1	9	9	14
81	9.	10	5.	1,	<u></u>	0.	D,	D .	TRACE.	2.		. 12	_12
92	13	13	16	12	TRACE	0.	a	0	٥	10	19	19	19
·-·- • • • • • • • • • • • • • • • • • •			-					····•	··-·		•		
+													
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		· -·· •											
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				•	-								
					- · - · · 			· - 					
		+											
						+	 +						
MEAN	20.1	22.6	22.3	15.8	1.5	-0		.0.	5.	5.9	11.2.	15.2	28.2
S. D.	9.9091			10.197	3.473	000	000	000	1.320	3.166	6.674.	8.967	10.934
TOTAL OBS.	1147	1045	1147	1110	1105	1087	1116	1115	1080	1116	1130	1177	13915

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk () is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTES value is presented when every month of the year has valid observations. Heans and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTES.

MOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

MOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

702550 EIELSON AFB AK STATION NAME

50-82

YEARS

DAILY PEAK GUSTS IN KNOTS

JAN	(. F	E8. M	AAR A	PR MA	Y JU	N 11	JL AL	JG :	SEP (OCT	NOV	DEC	MONTH	15
							27Nu			17W	45W	35		
7							·						MAR	64
							28 H S H	SPAZF	1 29SE			20	\$ E	4 6
5						325	305W	41 W	#23W	#27ES	E#255W	*16	SW	41
, 4	*3CS#	*38ENE	*39NNE	3DE NE	*3DM	315E	*32			WS	W 215W	17		
SE	25⊌	3DWSW	19M	19WN-	21 MSH	29NNE	225	19W	125E	12NE	BNE	18		30
ENE	15W	BNE	*13	5	1215SE	ZSWSW	20 W	32 HS	25NN	2055	E 25NW	7		
s.	15MNN	37SE	255	24ENE	21NNE	20W	2455E	205E	245E	1955	E + 21 W	9	848	31
Sw	19NE	181	24W	21 6 SW	23HS#	24W	2655E	234	261	60SE	18EN	E 16	¥	60
ENE	148	20MSW	135	285 ⊌	218584	122W	26W :	*205E	285E	25SE	195E	13	S	28
SE	16NE	12NNE	245E	22 W	23N	26W	24NE	SSESE	#21W			31	SE	31
SSE	42NE	225E	23W	27ESE	30W (255	315E	33WS	1 32WS	2355	E 36N	17	5 S E	42
¥	36M	24SE	24 N	26MNH	2455W	245E	27H	335E	29558	28ES	E 235#	19	₩	36
NE	14ENE	20M	+42ESE	21NNE	32W	2945W	25 WS W	*26NNE	*255E	*26W	*215E	*25	ŭ,	• 4 2
¥ +	115E	305E	224	+23E SE	26ESE	22NE	. BONSH	25₩	245E	285E	26 M S		SE	30
SSE	31MNM	175E	27WSW	36¥	BESE	3.3W	27WSW	275E	26 M	2685	W 27WS	¥ 39	MSM	39
ESE	25₩		26₩	32NNH								F 12	T.T.T.	90
ESE	205 .	17W	ALMSH	298	25E	345W	2655W							41
VSN	235E	39W	20₩	225 S.F	32FSF	3111/							SF	39
3/													-	40
27/	2125/	2529/												4.6
														40
26/	27 4/	1926/	2425/	24 3/										36
														33
														33
			,				: - : <u>-</u> :							35
														36
								35.31					11+	22
	+	10 07			20801	50514				013	TEIED	, <u>,,,</u>	~	-
		+						∔-	+					
														
	S WNW S CSE ENE SE ENE SE ESE ESE ESE WNE SE ESE ESE WNE SE ESE ESE WNE SE ESE ESE WSW 3/27/	S 9 W WWW 245 SE 125 E 25 W ENE 15 W W 15 N E 16 N	S 9N 42E WNW 24SSI 30SSE S 12SE 37M -+30SW +38ENE [SE 25M 30MSW ENE 15W 8NE	S 9N 42F 24ESE WNW 24SSF 30SSF 31MSW S 12SE 37M 31NE - +3CSW +3BENE+39NNE [SE 25M 30MSW 19M ENE 15W 8NE +13 - 15MNW 37SE 25S SN 19NE 18W 24W ENE 14W 20MSW 13S SE 16NE 12MNE 24SE SSE 42NE 22SE 23W W 36M 24SE 24W NE 14ENE 20M +42ESE W +11SE 30SE 22W SSE 31WNW 17SE 27MSW ESE 25W 30SW 26W ESE 25W 27MSW 26W ESE 25W 27MSW 26W ESE 25W 25W 26W ESE 25W 26W ESE 25W 26W ESE 25W 26W ESE 25W ESE 25W 26W ESE 25W	S 9% 42E 24ESE 36NNE WNW 24SSE 30SSE 31WSW 28W S 12SE 37M 31NE 31NE *30SW +38ENE +39NNE 30ENE (SE 25W 30WSW 19W 19WNW ENE 15W 8NE +13 5 *15WNW 37SE 25S 24ENE SN 19NE 18W 24W 21WSW ENE 14W 20WSW 13S 285W SE 16NE 12NNE 24SE 22W SSE 42NE 22SE 23W 27ESE W 36W 24SE 24W 26WNW NE 14ENE 20M 442ESE 21NNE NE 14ENE 20M 442ESE 21NNE NE 14ENE 20M 442ESE 21NNE W +11SE 30SE 22W 23ESE SSE 31WNW 17SE 27WSW 36W ESE 25W 30SW 26W 32NNW ESE 25W 30SW 30SW 26W 32NNW ESE 25W 30SW 30SW 30SW 30SW 30SW 30SW 30SW 30S	S 9N 42E 24ESE 36NNE 3CE WNW 24SSE 30SSE 31WSW 28W 33ESE \$ 12SE 37M 31NE 31NE 29SW . *3CSW *38ENE*39NNE 30ENE*30W [SE 25W 30MSW 19W 19WNW 21WSW ENE 15W 8NE *13 5 *215SC . 15WNW 37SE 25S 24ENE 21NNE SN 19NE 18W 24W 21WSW 23WSW ENE 14W 20WSW 13S 285W 21WSW ENE 14W 20WSW 13S 285W 21WSW SSE 42NE 22SE 23W 27ESE 30W . *36W 24SE 24W 26WNW 24SSW W 36W 24SE 24W 26WNW 24SSW W *11SE 30SE 22W *23ESE*26ESE SSE 31WNW 17SE 27WSW 36W 30ESE ESE 25W 30SW 26W 32NNW 28NE ESE 25W 30SW 32W 32W 32W 32W 32W 32W 32W 32W 32W 32	S 9% 42E 24ESE 36NNE 3CE 30NSW WNW 24SSE 30SSE 31MSW 28W 33ESE 32ESE S 12SE 37M 31NE 31NE 29SW 32S * 30SSW +38ENE +39NNE 30ENE +30W 31SE [SE 25W 30MSW 19W 19WNW 21MSW 29NNE ENE 15W 8NE +13 5 *215SC +25MSW * 15MNW 37SE 25S 24ENE 21NNE 20W ENE 15W 24W 21MSW 23MSH 24W ENE 15W 20MSW 13S 285W 21MSW 24W ENE 15W 20MSW 13S 285W 21MSW 22W SE 16NE 12NNE 24SE 22W 23N 26W SSE 42NE 22SE 23W 27ESE 30W +25S W 36W 24SE 24W 26MSW 24SSW 24SE NE 14ENE 20M 442ESE 21NNE 32W 29WSW W +11SE 30SE 22W +23ESE 26ESE+22NE SSE 31MNW 17SE 27MSW 36W 30ESE 33W ESE 25W 30SW 26W 32NNW 28NE 28W ESE 25W 30SW 26W 32NNW 28NE 28W ESE 25W 30SW 26W 32NNW 28NE 28W ESE 20S 17W 41MSW 29W 25E 34SN VSW 23SE 39W 20W 22SSE 32ESE 3111/ 3/ 813/ 3312/ 2613/ 24 5/ 2613/ 2528/ 27/ 2125/ 2529/ 3012/ 27 4/ 2929/ 3026/ 13/ 1924/ 2314/ 3214/ 2613/ 2613/ 2618/ 4016/ 26/ 27 4/ 1926/ 2425/ 24 3/ 3114/ 2415/ 29/ 2814/ 3325/ 2413/ 2516/ 2516/ 3034/ 29/ 2814/ 3325/ 2413/ 2516/ 2516/ 3034/ 29/ 2814/ 3325/ 2425/ 24 3/ 3134/ 2415/ 29/ 2814/ 3325/ 2425/ 24 3/ 3134/ 2415/ 29/ 2814/ 3325/ 2425/ 24 3/ 3134/ 2415/ 29/ 2814/ 3325/ 2425/ 24 3/ 3134/ 2415/ 29/ 2814/ 3325/ 2425/ 24 3/ 3136/ 3136/ 29/ 2814/ 3325/ 2425/ 24 3/ 3136/ 3136/ 29/ 2814/ 3325/ 2425/ 24 3/ 3136/ 3136/ 29/ 2814/ 3325/ 2425/ 24 3/ 3136/ 3136/ 29/ 2814/ 3325/ 2425/ 24 3/ 3136/ 24 9/ 28/ 1526/ 269/ 2425/ 2455/ 3334/ 24 9/ 28/ 1526/ 269/ 2425/ 2455/ 3334/ 24 9/ 28/ 1526/ 269/ 2425/ 2455/ 255/ 3334/ 24 9/ 28/ 1526/ 269/ 2425/ 2455/ 3334/ 24 9/	S 9% 42E 24ESE 36NNE 3CE 30NS 35NN MNW 24SSE 30SSE 31MSW 28W 33ESE 32ESE 28WSW 5 12SE 37M 31NE 31NE 29SW 32S 30SW . *3GSW *38ENE*39NNE 30ENE*30W 31SE *32 [SE 25W 30MSW 19W 19WNW 21MSW 29NNE 22SW ENE 15W 8NE *13 5 *215SC*25MSW 20W . 15MNW 37SE 25S 24ENE 21NNE 20W 24SSE SN 19NE 18W 24W 21WSW 23MSH 24W 26SSE ENE 14W 20MSW 13S 285W 21MSW 24W 26SSE ENE 14W 20MSW 13S 285W 21MSW*22W 26W SE 16NE 12NNE 24SE 22W 23N 26W 24NE SSE 42NE 22SE 23W 27ESE 30W *25S 31SE W 36W 24SE 24W 26MSW 24SSW 24SE 27W NE 14ENE 20M *42ESE 21NNE 32W 29WSW 25NSW W *11SE 30SE 22W *23ESE*26ESE*22NE *30NSW SSE 31MNW 17SE 27MSW 36W 30FSE 33W 27MSW ESE 25W 30SW 26W 32NNW 28NE 28W 40NE ESE 25W 30SW 26W 32NNW 28NE 28W 40NE ESE 25W 30SW 26W 32NNW 28NE 28W 40NE ESE 25W 30SW 26W 32NNW 28NE 28W 40NE ESE 20S 17W 41MSW 29W 25E 34SN 26SSW VSN 23SE 39W 20W 22SSE 3111 2613/ 3/ 813/ 3312/ 2613/ 2214/ 2613/ 2613/ 2618/ 4016/ 3123/ 27/ 2125/ 2529/ 3012/ 27 4/ 2929/ 3026/ 2326/ 13/ 1924/ 2314/ 3214/ 2613/ 2618/ 4016/ 3123/ 29/ 2814/ 3325/ 2425/ 24 3/ 3114/ 2415/ 3114/ 29/ 2814/ 3325/ 2425/ 24 3/ 3114/ 2415/ 3114/ 29/ 2814/ 3325/ 2425/ 24 3/ 3114/ 2415/ 3114/ 29/ 2814/ 3325/ 2425/ 24 3/ 3114/ 2415/ 3114/ 29/ 2814/ 3325/ 2425/ 24 3/ 3114/ 2415/ 3114/ 29/ 2814/ 3325/ 2425/ 24 3/ 3134/ 2415/ 3257/ 2627/ 29/ 2821/ 2027/ 3315/ 3115/ 29 6/ 2636/ 3220/ 15/ 2512/ 2629/ 2425/ 225/ 3384/ 24, 9/ 26 B/ 28/ 1526/ 26 9/ 2618/ 2517+ 3527/ 2814/ 24, 9/ 26 B/ 28/ 1526/ 26 9/ 2618/ 2517+ 3527/ 2814/ 24, 9/ 26 B/	SSE 3GN 27NN 25NSN 9N 42E 24ESE 36NNE 3CE 3GNS 35NN 27SE WNN 24SSE 3GSSE 31NSN 28N 33ESE 32ESE 28NSN 26NSN 5 12SE 37M 31NE 31NE 29SN 32S 3GSN 41M * 3GSN *38ENE*39NNE 3GENE*3GN 31SE *32 [SE 25M 3DMSN 19M 19NN* 21NSN 29NNE 22SN 19M ENE 15M 8NE *13 5 *21SSC*25NSN 20M 32MSN * 15NNN 37SE 25S 24ENE 21NNE 20M 24SSE 20SE SN 19NE 18M 24M 21NSN 23NSN 24M 26SSE 23M ENE 14M 20MSN 13S 285M 21MSN*22M 26NSE 20SE SSE 16NE 12NNE 24SE 22M 23N 26M 24NE 22ESE SSE 42NE 22SE 23M 27ESE 3GM *25S 31SE 33MSN * 36M 24SE 24M 26MNN 24SSW 29MSW 25MSW*26NNE * 11SE 3GSE 22M *23ESE*26ESE*22NE *3GNSW 26NNE * 11SE 3GSE 22M *23ESE*26ESE*22NE *3GNSW 26NNE * 11SE 3GSE 22M *23ESE*26ESE*22NE *3GNSW 27MSW 27MSE ESE 25M 3GSW 26M 32NNW 28NE 28W 4DNE 34ESE ESE 25M 3GSW 26M 32NNW 28NE 28W 4DNE 34ESE ESE 20S * 17M 41MSW 29M 25E 34SW 265SW 28E VSN 23SE 39M 20M 22SSE 32ESE 3111 / 2613 / 27 9 / 31 813 / 3312 / 2613 / 24 5 / 2613 / 2526 / 3124 / 27 / 2125 / 2529 / 3G12 / 27 4 / 2929 / 3G26 / 2326 / 3124 / 27 / 2125 / 2529 / 3G12 / 27 4 / 2929 / 3G26 / 2326 / 3124 / 28 / 1323 / 1427 / 25 5 / 23 7 / 3136 / 3G34 / 2723 / 2612 / 27 / 2814 / 3325 / 2413 / 2516 / 2516 / 3G34 / 2723 / 2612 / 27 / 2814 / 3325 / 2413 / 2516 / 2516 / 3G34 / 2723 / 2612 / 27 / 2814 / 3325 / 2413 / 2516 / 2516 / 3G34 / 2723 / 2612 / 27 / 2814 / 3325 / 2413 / 2516 / 2516 / 3G34 / 2723 / 2612 / 27 / 2813 / 2610 / 2219 / 2430 / 2611 / 2577 / 2677 / 2677 / 2677 / 2677 / 2512 / 2629 / 2425 / 2215 / 3384 / 24 9 / 26 8 / 24 4 / 28 / 1526 / 26 9 / 2618 / 2517 / 3527 / 2614 / 2177 / 32 5 /	SSE 3GN 27NN 25NSN 3DSE 9N 42E 24ESE 36NNE 3CE 30NSN 35NN 27SSE 37ESE WNW 24SSE 30SSE 31MSW 28N 33ESE 32ESE 28NSW 26NSW 29SE 5 12SE 37M 31NE 31NE 29SN 32S 30SN 41M +23W * 3CSM +38ENE+39NNE 30ENE+30W 31SE +32 (SE 25M 30MSW 19M 19MNW 21MSW 29NNE 22SN 19M 12SE ENE 15M 8NE +13 5 +21SSC+25NSW 20M 32MSW 25NNE * 15NNW 37SE 25S 24ENE 21NNE 20M 24SSE 20SE 20SE SN 19NE 18M 24M 21MSW 23MSW 24W 26SSE 20SE 20SE SN 19NE 18M 24M 21MSW 23MSW 24W 26SSE 23M 26W ENE 14M 20MSW 13S 28SM 21MSW+22W 26M +20SE 28SE SE 16NE 12NNE 24SE 22M 23N 26W 24NE 22ESE+21W SSE 42NE 22SE 23W 27ESE 30M +25S 31SE 33MSW 32MSW * 36M 24SE 24W 26MNW 24SSW 24SE 27W 33SE 29SSE ** 14ENE 20M +42ESE 21NNE 32W 29MSW 25MSW+26NNE+25SE ** +11SE 30SE 22M +23ESE+26ESE+22NE +30MSW 25MSW 26SE SSE 31MMW 17SE 27MSW 36M 32NNW 28NE 28W 40NE 34ESE 34SE SSE 31MMW 17SE 27MSW 36M 32NNW 28NE 28W 40NE 34ESE 34SE SSE 20S 17M 41MSW 29M 25E 34SW 26SSW 28E 31SSE SSE 20S 17M 41MSW 29M 25E 34SW 26SSW 28E 31SSE SSE 20S 17M 41MSW 29M 25E 34SW 26SSW 28E 31SSE SSE 20S 17M 41MSW 29M 25E 34SW 26SSW 28E 31SSE SSE 20S 17M 41MSW 29M 25E 34SW 26SSW 28E 31SSE SSE 20S 17M 41MSW 29M 25E 34SW 26SSW 28E 31SSE SSE 20S 17M 41MSW 29M 25E 34SW 26SSW 28E 31SSE SSE 20S 33M 26M 32NNW 28NE 28W 40NE 34ESE 34SE ESE 20S 17M 41MSW 29M 25E 34SW 26SSW 28E 31SSE SSE 31M1W 17SE 27MSW 36M 32NSW 26NSW 26SSW 28E 31SSE SSE 31M 27 2529/ 3012/ 27 4/ 2929/ 3026/ 2326/ 3124/ 2224/ 26/ 27 4/ 1926/ 2425/ 24 3/ 3130/ 3132/ 2425/ 2824/ 28/ 2814/ 3325/ 2413/ 2516/ 2516/ 3034/ 2723/ 2612/ 2027/ 2814/ 3325/ 2413/ 2516/ 2516/ 3034/ 2723/ 2612/ 2027/ 2814/ 3325/ 2413/ 2516/ 2516/ 3034/ 2723/ 2612/ 2027/ 2813/ 2629/ 2425/ 2435/ 2515/ 3334/ 24 9/ 26 8/ 24 4/ 24 8/ 28/ 1526/ 26 9/ 2618/ 2517/ 3527/ 2614/ 22 P4/ 24 8/ 28/ 1526/ 26 9/ 2618/ 2517/ 3527/ 2614/ 2125/ 2529/ 3526/ 28/ 1526/ 26 9/ 2618/ 2517/ 3527/ 2614/ 2127/ 32 5/ 2414/ 28/ 1526/ 26 9/ 2618/ 2517/ 3527/ 2614/ 2127/ 32 5/ 2414/	SSE 3GN 27NW 25NSW 3DSE 17W S 9N 42E 24ESE 36NNE 3GE 30NSW 35NW 27SSE 37ESE 36SE WNW 24SSE 30SSE 31MSW 28W 33ESE 32ESE 28WSW 26MSW 29SE 46SE \$ 12SE 37W 31NE 31NE 29SW 32S 30SW 41W +23W +27ES **3GSM *38ENE*39NNE 30ENE*30W 31SE *32** (SE 25W 30MSW 19W 19WN* 21NSW 29NNE 22SH 19W 12SE 12NE ENE 15W 8NE *13** \$ *21SSC*25MSW 20W 32MSW 25NNE 20SS \$ 15NNW 37SE 25S 24ENE 21NNE 70W 24SSE 20SE 24SE 19SS SN 19NE 18W 24W 21WSW 23MSW 24W 26SSE 23W 26W 60SE ENE 14W 20MSW 13S 28SW 21MSW*22W 26W *20SE 28SE 25SE ENE 14W 20MSW 13S 28SW 21MSW*22W 26W *20SE 28SE 25SE ENE 14W 20MSW 13S 28SW 21MSW*22W 26W *20SE 28SE 25SE ENE 14W 20MSW 13S 28SW 21MSW*22W 26W *20SE 28SE 25SE SE 16NE 12NNE 24SE 22W 23N 26W 24WE 22ESE*21W *29SS SSE 42NE 22SE 23W 27FSE 30W *25S 31SE 33MSW 32MSW 23SS SSE 42NE 22SE 23W 27FSE 30W *25S 31SE 33MSW 32MSW 23SS W 36W 24SE 24W 26MSW 24SSW 24SE 27W 33SE 29SSE 28ES NE 14ENE 20W *42ESE 21NNE 32W 29MSW 25MSW*26NNE*25SE *26W W *11SE 30SE 22W *23ESE*26ESE*22NE *30MSW 25W 24SE 28SE SSE 31MNW 17SE 27MSW 36W 30ESE 33W 27MSW 27BE 26W 26MS ESE 25W 30SW 26W 22SSE 32ESE 3111/ 2613/ 27 9/ 3013/ 2236 3/ 813/ 3312/ 2613/ 24 5/ 2613/ 2528/ 2928/ 4011/ 3013/ 34%3 27/ 212S/ 2529/ 3012/ 27 9/ 2929/ 3026/ 2326/ 3124/ 22P7/ 1827/ 24/ 1323/ 1427/ 25 5/ 23 7/ 3136/ 3132/ 3336/ 3C 5/ 2836/ 2323 27/ 2814/ 332S/ 2413/ 2516/ 2516/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2613/ 2516/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2723/ 2612/ 2027/ 1827/ 28/ 1326/ 2629/ 2425/ 2430/ 2636/ 3034/ 2	SSE 3GN 27NW 25NSW 30SE 17W 45M SSE 3GN 27NW 25NSW 30SE 17W 45M SSE 3GN 27NW 25NSW 30SE 17W 45M SSE 3GN 27NW 25NSW 30SE 17W 45M SSE 3GN 27SE 3GSE 3GSE 3GSE 3GSE 3GSE 3GSE 3GSE 3G	SSE 3CN 27NW 25NSW 3DSE 17W 45N 35 S 9W 42E 24ESE 36NNE 3CE 30NSW 35NW 27SSE 37ESE 36SE 36NNW 64 MNW 24SSE 30SSE 31MSW 28W 33ESE 32ESE 28WSW 26MSW 29SE 46SE 37SE 20 S 12SE 37W 31NE 31NE 29SW 32S 30SW 41W 423W 427ESE425SW 416 ************************************	\$ 9\ 42E 24ESE 36NNE 3CE 30USH 35NH 27SE 37ESE 36SE 36HM 54 WNW 24SSI 30SSE 31WSW 28H 33ESE 32ESE 28WSW 26WSW 29SE 46SE 37SE 20 \$ 12SE 37M 31NE 31NE 29SW 32SS 30SW 41H 423W 427ESE425SW 16 SW WNW 24SSI 30SSE 31WSW 28H 33ESE 32ESE 28WSW 26WSW 29SE 46SE 37SE 20 \$ 12SE 37M 31NE 31NE 29SW 32S 30SW 41H 423W 427ESE425SW 16 SW WSW 21SW 17F [SE 25M 30MSW 19H 19MN* 21MSW 29NNE 22SW 19H 12SE 12NE 8NE 18 " ENE 15W 8NE +13

NOTES . (BASED ON LESS THAN FULL MONTHS)

USAF ETAC PORM GASS (OTA)

8 1BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

7 2650 EIELSON AFB AK STATION NAME

50-82

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FE	B	AR	APR	MAY	JUN	JUL	L AU	KG.	SEP	OCT	NOV	D	€C.	ALL	15
80 31 82	13/	3014/	2814/	402	8/ 29	25/ 2	023/	2728/	2530/ 2526/ 3128/	19.4/	1713	2/ 14	9/	1613/	26		
		•	•			•			 -		•			•	•		
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		- -					-	- i		- 							
MEAN S.D.	9.1			6.1	26.5 4.659				65 5.		700 9	26.4	24	.5 2 3411.	5.5		27
TOTAL OBS.	9	9 3 E	376	950	923	94	1 9	9 9	95	954	905	918	9	17.	976		197

NOTES + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 048-5 (OLA)

\$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLIPAL CLIMATOLOGY BRANCH USAFETAC Alm meather service/mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	JAN
STATION	STATION NAME	YEARS	80474
		ALL WEATHER	0000-3280
		CLASS	HOURS (L.S.T.)
		COMDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.1	. 4	•1									1.5	3.1
NNE	• 5	• 1	- 4	• 2						<u> </u>		1.3	6.1
NE	•2	• 1							1		i	• 3	2.7
ENE	`-	• 1									İ	.1	5.C
ŧ		• 5	-1					i				.4	5.8
ESE	•7	• 2	•2	. 4								1.1	9.3
SE	• 2	• 2	• 5	1.0	• 2			<u> </u>				2.2	11.1
SSE	2.3	. 4	• 3	•2	• 2					<u> </u>		3.4	4.7
S	5.9	1.2	•2	• 1								4.4	3.3
SSW	-8	. 6										1.4	2.8
SW	.6	• 1										- 8	2.1
wsw	- 4								1			- 4	2.3
w	•5	• 2	• 3		• 1							1.2	5.8
WNW	-6	• 3	•1					1				1.1	3.4
NW	- 5	• 3							1			1.5	2.8
NNW	Z.5	• 8	•1									2.9	2.8
VARBL								<u> </u>					
CALM	$\supset \subset$	> <	> <	><	> <	> <	$\supset <$		$\supset <$	><	> <	76.5	
	13.1	5.5	2.5	1.9	• 5							176.0	1.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

752650	EIELSON AFB AK	73-82 YEARS	JAN Seets
		ALL WEATHER	3303-0500 6048 (LST)
		CORDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.3	• 3	• 2	• 1								1.9	3.4
NNE	1.0	• 6	- 6									2.3	5.0
NE	• 1											• 3	1.0
ENE	• 3		• 1									.4	3.5
E	• 5	• 1		• 2								. 9	5.6
ESE	•8	• 8	• 2	• 2	• 1							2.0	5.8
SE	.6	• 5	• 5	. 4	• 3							2.5	6.0
382	1.2	• 2	• 6	• 3	• 5							2.9	7.9
\$	1.4	• 8	• 2									2.4	3.7
ssw	1.2	• 2										1.4	2.3
sw	• 3	• 2	•2									. 8	4.3
wsw	1.0	• 2										1.2	2.6
w	1.1	• 3	• 1	•2								1.7	4.3
WNW	•1		• 1									• 2	4.5
NW	• 3	• 2										• 5	3.0
NNW	1.2	• 5										1.7	2.9
VARBL												I	
CALM		\geq	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	77.1	
	12.4	5.1	3.0	1.5	1.0							100.0	1,1

TOTAL NUMBER OF OBSERVATIONS 929

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	LIELS	ON AFB	AK				73-	B 2					J	AN		
BTATION			STATIO	-						TEARS			8047g			
						ALL WE	ATHER						3630	0600-0800		
		_					LASS						HOVE	8 (L.S.T.)		
		_					ROFFIGE									
						· ·	1911199									
		_														
						_										
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED		
	N	1.1	. 6	• 1								9	1.8	3.5		
	NNE	1.0	. 4	• 6			1						2.3	4.4		
	NE	•1		• 3						 	1		. 4	6.3		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	.6	• 1									1.8	3.5
NNE	1.0	. 4	• 6									2.3	4.4
NE	•1		• 3									- 4	6.3
ENE	-1	• 1		• 1								• 3	7.3
E	-4	• 2	• 3	•1								1.1	5.9
ESE	.4	• 2	• 3	• 3								1.3	7.3
SE	. 4	. 6	• 5	•3	• 1							2.0	7.2
SSE	.9	• 2	. 4	• 2	• 3							2.0	7.2
5	1.9	1.1										3.0	3.0
ssw	-6	. 4										1.1	3.1
SW	.8	• 3	•1									1.2	3.2
WSW	1.0	• 5	•1	•1								1.7	4.1
w	-5	• 3	• 2	•1								1.2	4.7
WNW	.1	• 2	•1									-4	4.5
NW	• 5	• 1			1	 						-6	2.8
NNW	1.1	1.2										2.3	3.2
VARBL													
CALM	$\supset \subset$	> <	>	> <	> <	> <	> <	>>	$>\!\!<$	$\supset <$	> <	77.4	
	11.0	6.7	3.2	1.3	. 4							100.0	1.1

TOTAL NUMBER OF OSSERVATIONS 930

GLEGAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

C265C STAYION	LIELSON AFB AK	73-82	JAN
STATION	STATION NAME	YEARS	Menta
		ALL WEATHER	3935-1135
		CLASS	MOVAS (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.0	- 1									2.8	3.2
NNE	-5	• 3	• 6	- 1		}						1.5	5.4
NE	• 3	• 1	• 1	• 1								. 6	5.0
ENE	•1	• 3										. 4	3.3
E	•1	• 1	• 3	• 2								. 8	9.3
ESE	•5	• 2	• 3	• 3								1.4	6.7
SE	- 1	• 1	. 4	. 9	• 2	•1						1.8	12.2
SSE	1.0	• 3	• 3							i		1.5	4.1
5	2.2	. A										2.9	2.7
ssw	1.1	. 4	• 1									1.6	3.0
SW	• 1	• 2	• 1									. 4	4.0
wsw	• 6	• 2	• 2									1.1	3.6
w	.9	• 2	. 4	• 1								1.5	4.9
WNW	- 3	• 1	• 2	_•1								• B	5.6
NW	• 9	• 1										1.3	2.3
NNW	1.9	• ?										2.0	2.5
VARBL												1	
CALM	><	\times	>>	\times	$\geq \leq$	> <	\geq	$\geq <$	\geq	$\supset <$	\geq	77.5	
	12.3	4.7	3.3	1.8	•2	•1						100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH LCAFETAC ACC WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	EIELS N AFB AK	73-82	PAL
STATION	STATION NAME	YEARS	HONTH
		ALL WEATHER	1200-1400
	-	CLASS	HOURS (L.S.T.)
		COMPLTION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.2	• 5	•2									2.9	3.0
NNE	1.5	1.0	• 6	• 1								2.7	5.2
NE			• 1	• 1								• 2	9.5
ENE	• *	• 1										- 3	2.7
E	•2	. 4	. 4	•1	•1							1.3	7.5
ESE	.4	• 5	• 2	•1				}				1.3	5.3
SE	•2	• 2	1.0	• 8	• 3							2.5	10.4
SSE	1.2	• 7	• 3	• 2	.1			ļ		i		2.0	5.2
S	2.3	• 5	• 1									2.9	2.6
SSW	-9	• 1		.1				1				1.1	3.1
SW	• 5	•1	• 1					1		<u> </u>		• 8	3.7
wsw	• 8	• 1	•1	-1								1.1	3.9
w	•2	• 3	• 3	• 1								1.0	6.7
WHW	• 8	.1	• 2	• 2				1				1.3	5 . 2
NW	.9	• 2										1.1	2.5
NNW	2.2	• 8										2.9	2.1
VARBL													
CALM	$\supset \subset$	><	> <	$\supset <$	><	$\supset <$	$\supset <$	$\supset <$	$\supset \subset$		><	74.7	
	13.8	5.3	3.8	1.9	• 5							100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

(

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2550	EIEL	SON AFB	A K	HAME -			73-	82		TEARS			<u> </u>	A N
<u> </u>		_				ALL NE	ATHER		 				-1750 *(LET.)	
		_				con	PITION							
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	1.7	. 4	•2							1		2.4	3.2
	NNE	.5	• 1	. 0	l								1.5	5.1
	NE	•2											•2	2.0
	ENE	• 1	• 2										• 3	3.7
	E	- 3	• 3	. 4	• 2	• 2							1.5	8.6
	ESE	•5	. 4	• 6	• 1								1.7	6.3
	SE	•5	• 5	. 8	• 3	• 3							2.5	8.5
	SSE	-6	• 6	• 6	. 1	• 2	•1						2 • 4	7.5
	S	1.9	1.0	• 2									3.1	3.3
	ssw	-4	• 2				Ī						• 6	2.5
	sw	- 9	• 2										1.1	2.7
	wsw	•5	• 3	• 1									1.0	3.9
	W	-8	• 3	. 4									1.5	4.4
	WNW	• 3	• 1	• 5					L				1.0	6.6

TOTAL NUMBER OF	OBSERVATIONS	0.20
TOTAL NUMBER OF	CHSEKYAIICHS	930

100.0

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

• 1

WNW NW

NNW VARBL

GLEBAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	JAN
STATION	PUAN MOLTATE	YEARS	804711
		ALL WEATHER	1833-2630
	<u> </u>	CLASS	HOURS (L S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	40 - 55	≥ 56	•	MEAN WIND SPEED
N	2.3	1.0	• 1				i			-		3.3	2.9
NNE	•8	• 1	.6	• 2					1			1.7	5.8
NE	• 2	• 2						1	Ī —			. 4	3.0
ENE	• ?											• 2	2.0
E	•1	. 3	.4		• 3							1.2	9.5
ESE	-4	• 5	.4	• 2				i				1.7	6.2
SE	-8	• 1	1.0		• 1	•2	.1					2.3	9.1
SSE	1.7	• 3	• 3		• 2							2.6	4.3
s	1.9	• 3		•1					1			2.4	2.5
ssw	-6	•1								1		• 8	2 • 3
SW	•2	• 3	•1									• 6	4.3
wsw	1.0	• 1	• 3						i			1.4	3.5
w	- 4		. 4					1	<u> </u>			. 9	5.6
WNW	• 5	•1	• 3	•2								1.2	6.3
NW	-4	• 5				-		1			···	• 6	3.0
NNW	1.6	. 4		· · · · · ·								2.3	2.4
VARBL												1	
CALM	$\supset <$	> <	> <	> <	> <	> <	> <		$\supset \subset$	$\supset <$	> <	76.7	
	13.2	4.3	4.1	• B	.6	•2	• 1					100.0	1.1

TOTAL NUMBER OF OBSEIVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

Elet	SON AFB	BAK				73-	- 6 2					J	AN
			MAME						YEARS				HONTH
	_				ALL WE							2100	-2300
	_				c	486						HOUS	8 (L.S.T.)
	_				con	DITION							
	-												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.5	. 3									2.3	3.2
NNE	• 3	• 2	. 4	• 1	1							1.1	6.5
NE	• 1	• 2			1						Ī	• 3	4 . D
ENE	•2	• 3										• 5	3.0
E	•6	. 4	• 3	•1							i	1.5	5.1
ESE	1	• 2	• 3	•1	•1					<u> </u>		. 8	9.0
SE	1.1	.1	. 4	• 3	• 3					T		2.3	7.6
SSE	1.9	• 2		• 1	• 2		•1		<u> </u>			2.6	5.5
\$	2.4	1.2	•1		• 1							3.8	3.5
ssw	1.0	• 2	•1									1.3	2.8
SW	.4									i		.4	2.8
wsw	- 9	.1						i	ļ- ·	T		1.0	2.6
w	•5	. 4	• 6		1				·	1	1	1.6	5.4
WNW	• 3	• 1	•2						<u> </u>			. 5	4.7
NW	• 2	• 2		• 1				i — —	T	i		• 5	4.8
NNW	2.0	. 8	• 2				<u> </u>			<u> </u>		3.5	3.1
VARBL	<u> </u>										l ——		
CALM		> <	><	\sim		> <	$\supset <$	$\supset <$		$\supset <$	$\supset <$	76.5	
	T												

TOTAL NUMBER OF OBSERVATIONS 930

JSAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLEBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	EIELSON AFB AK	73-82	JAN
STATION	STATION NAME	YEARS	PONTH
		ALL WEATHER	ALL
		CLARG	HOURS (L.S.T.)
		COMPITION	•

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	•6	.2	2.								2.4	3.2
NNE	.7	. 4	.6	•1	T							1.8	5.4
NE	• 2	• 1	.1	• 0								• 3	4.4
ENE	• 2	• 1	• [7	.0	i							• 3	3.7
E	• 3	• 3	.3	.1	• 1							1.1	7.2
ESE	. 4	. 4	• 3	• 2	• 0							1.4	6.7
SE	• 5	• 3	.6	• 5	• 2	• 5	•0					2.2	9.2
SSE	1.3	• 3	.4	.1	• 2	0.	• 0					2.4	5.8
5	2.1	. 8	.1	•0	.0							3.1	3.1
SSW	•8	• 3	• 13	.0	i							1.2	2.8
sw	• 5	•2	•1		1							• 8	3.3
wsw	• 8	•2	• 1	• 0								1.1	3.4
w	•6	• 3	. 4	•1	•0							1.3	5.1
WNW	. 4	• 1	• 2	.1								- 8	5.2
NW	-6	• 2		- C								• B	2.9
NWW	1.8	•7	.1									2.5	2.8
VARBL												1	
CALM		> <	$\supset \subset$			> <	$\geq <$	> <		$\supset <$	><	76.4	
	12.7	5.3	3.5	1.4	.6	.1	.0					130.0	1.1

TOTAL NUMBER OF OSSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH OSAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 255C	EIELSON AFB AK	73-82		FEB
		ALL WEATHER CLASS		0000-0200
		CONNYMA	_	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56		MEAN WIND SPEED
N	1.8	• 9	4									3.1	3.7
NNE	- 5	1.4	. 7									2.5	5.4
NE	•6	. 1	• 2	• 2								1.2	5.7
ENE		• 6										. 6	5 - 0
£	•2	. 4										. 5	3.6
ESE	-4	• 2	. 4									. 9	5.6
SE	1.1	.7	.7	• 8								3 • 3	6.7
SSE	2 • 2	1.3	• 6	• 1	• 2							4.5	4.7
S	2.2	• 7		• 1								3.1	3.5
SSW	1.4	. 4										1.8	2.5
SW	-6	• 1										7 7	2.7
wsw	•9	• 5	•1									1.5	3 - 4
w	.6	• 1	. 4	•1								1.2	5.2
WNW	•2	. 4	• 5	• 1								1.2	6.7
NW	.7	. 4										1.1	2.9
NNW	.7	• 7										1.4	3.7
VARBL							i					1	
CALM	\times	> <	\times	\times	\geq	\times	> <	\geq	\geq	\searrow	> <	71.3	
	14.2	8.9	3.9	1.5	•2							100.0	1.3

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2550	EIELSON AFB AK		73-82					
STATION	STAT	THAN HOLD		YEARS			-	
		ALL W	EATHER				-0500	
			CLASS		HOURS (L. I			
		Cc	HOITION					
								
			1					

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
N	1.2	. 7	.4									2.2	3.9
NNE	.7	• 7	• 5								i	1.9	4.8
NE	• 2	• 2	• 5								1	. 9	5 • 4
ENE		• 1	• 1									• 2	7.5
E	• 2	• 2	. 4									. 3	5.6
ESE	• 1	• 5	1.1	. 4								2.5	6.0
SE	. 8	• 6	• 5	• 5				1				2 • 4	6.0
SSE	1.5	. 9	• 5	. 4	•1					·		3.7	5.4
s	4.5	1.2				i				1		5.7	2.4
\$\$W	.7	• 1										. 5	2.6
SW	.7	. 4						<u> </u>				1.1	2.6
wsw	• 5	• 5	•2				l					1.5	4.2
w	.7	• 2	.7			·		1				1.7	5.7
WNW	-1	•1	•1				i — — —					4	5.7
NW	-6	• 2							T			.8	2.6
NNW	.7	1.2					i	1				1.9	3.8
VARBL							† -		1				
CALM		> <		><			$\supset <$				><	72.3	
	13.9	7.9	4.8	1.2	•1							120.0	1.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATCLOGY BRANCH USAFETAC AIH "EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	_ 73-82	FE3
STATION	STATION NAME	YEAM	MONTH
		ALL WEATHER	0600-0800
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	. 9	• 5						1			3.4	3.6
NNE	-4	• 2	• 2						I			• 3	4.7
NE	•2	• 1	• 1									• 5	4.5
ENE		• 1	• 1									. 2	7.0
E	• 2	• 1	• 2									• 5	4.6
ESE	• 5	• 2	• 6	•1								1.4	6.6
SE	•6	• 5	• 9	• 5								2.6	7.4
SSE	1.4	1.4	• 5	. 4								3.7	5.1
\$	3.5	.7	• 1				i					4.4	2.5
SSW	. 9	- 5										1.4	2.8
SW	•5	- 5	• 1			·		1				1.2	4.2
wsw	•6	. 5	. 4					,				1.4	5.1
w	•2	. 4	- 4	. •	ļ — —			 				1.3	9.0
WNW	• 2		• 2	•1				<u> </u>				5	7.2
NW	•6	• 2					1					.8	2.9
NNW	•8	. 7							<u> </u>			1.5	3.3
VARBL						T		1				1	
CALM		><	> <	>	> <	$\supset \subset$	$\supset \subset$		$\supset <$	$\supset <$	> <	74.1	
	12.9	7.2	4.4	1.4								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS

696

GL(9AL CLIMATOLOGY BRANCH USAFETAC Ale Weather Service/Mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73~82		FEB
STATION	STATION HAME		TEARS	89474
		ALL WEATHER		0933-1138
		CLASS		MOURS (L S T)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 36	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.2	• 7	• 2	-					<u> </u>			3.2	3.1
NNE	-4	. 6	. 9									1.9	5.9
NE	.4	• 1	• 1									- 5	4.0
ENE		• 2	•1	• 2		1						. 5	9.0
E	•2	• 1					1					. 4	3.0
ESE	.4	1.1	. 4	•1								1.9	5.7
SE	•2	• 2	. 9	• 7	• 5							2.4	10.5
SSE	2.4	• 5	• 5	• 7	• 5							4.4	6.0
S	3.5	• 8	•2									4.6	2.6
SSW	.7	• 6										1.3	3.1
SW	. 4	• 2	• 2									. 5	4.6
WSW	•8	. 4	• 5									1.7	4.6
w	1.1	• 5	•1	• 1	• 1							2.5	6.0
WNW	. 4	• 1										• 5	3.0
NW	•5											• 5	2.5
HNW	1.4	• 5						-				1.9	2.7
VARBL							1						
CALM		> <	$\supset <$	$\supset <$	><	$\supset <$				$\supset <$	><	71.5	
	14.9	6.7	4.8	1.9	• 6							120.0	1.4

TOTAL NUMBER OF OSSERVATIONS

CL TAL CLIMATOLOGY GRANCH ...4* ETAC ATT LEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11 2550	EIELSON AFS AN	73-82 YEARS	FEB
		ALL MEATHER	1200-1400 HOURS (C.S.Y.)
		COMMITTEE	

SPEED (KNTS) DIR.	1 . 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	4.5	2.7	. 2	-								6.7	3.0
NNE	1.1	• 5	1.2	• 2								3.1	5.6
NE	.5	• 5	• 5	• 1								1.5	5.8
ENE	•2		•2	•1		i		<u> </u>	T			• 5	6.0
E	-4	•1	.1	†				†	· · · · · · · · · · · · · · · · · · ·			• 6	4.0
ESE	.1	• 5	. 8	• 2			 					1.8	6.6
SE	•2	• 1	1.4	1.3	.1							3.2	10.4
SSE	1.1	• 5	. 4	.6	.1	•1			†——			2.7	7.1
5	1.9	.5	.5		.1							3.0	4.0
ssw	1.8	.7	•2	 					 	 		2.7	3.3
SW	1.2	. 4	•1	 				 	}			1.7	3.1
wsw	1.2	. 8	. 4					 	 	†		2.4	4.5
w	1.4	• 5	•5	. 4			 		 	 		2.7	5.0
WNW	•2	. 4	•2	 -		 		 	·	 		.8	5.1
NW	•5	. 4					 					.8	3.0
NNW	2.4	2.0	•1			 	 	 	}	 		4.5	3.2
VARBL						 		 -	 	 			
						$\overline{}$						61.2	
CALM													
	18.6	9.9	6.9	3.0	.4	.1	ļ	ļ	ļ			120.0	1.5

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

SURFACE WINDS

TOTAL NUMBER OF OSSERVATIONS

646

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIEL	SON AFB	AK				73~	82						ΕP
STATION		-	STATIO	N NAME					•	YEA BS				NTMON
		_				ALL WE								-1700
		_					LASS						HOUR	\$ (L.S.T.)
		_												
						COI	PITION							
		~												
r														
į	SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN
	DIR.	1	•••	, , , ,	11	"	****	20	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-			-	SPEED
Ì	N	2.8	1.2	.1	 								4.1	3.1
į	NNE	1.1	1.1	1.1	.7								3.9	6.5
Ī	NE	-1	•6	.7		i							1.4	6.8
[ENE	•2	-4	. 4									. 9	5.0
ì	E	• 8	• 6	• 2									1.7	4.1
	ESE	-1	• 6	• 5	.2								1.4	7.3
	SE	• 5	.7	.7	• 2	.1							2.2	6.9
	SSE	1.1	• 5	• 5	• 5								2.5	6.4
[\$	1.7	1.4	• 5	•1								3.7	4 • D
[SSW	1.4	• 2	• 2									1.9	3.4
	sw	.8	• 1	•2									1.2	4.5
[wsw	1.3	• 6	• 2									2 • 1	3.4
Į.	w	1.5	• 9	• 5	•1	L			<u></u>			Ĺ	3.1	4.1
Į.	WNW	.4	•2	• 2									• 8	4.9
Į.	NW	• 2			L						<u> </u>	L	• 2	1.5
1	NHW	.7	.6							<u> </u>			1.3	3.3
į.	VARBL	L			L	L			<u> </u>					
1	CALM	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	><	><	67.5	
ſ							T			1				

DISAFETAC FORM O S 5 (Rt. A) MANUALLY TOTAL OF THIS STAM AND CRECKETS

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GLEBAL CLIMATOLOGY BRANCH USAFETAC AIF MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2651	EIELSON	AFB AK			73-	-82				r į	
STATION		87/	TION MAME				W	EARS.		-	N TH
				ALL	WEATHER					1830-	-2000
					CLASS					HOU RE	(6 S.T.)
											
					CORDITION						
_						T - T			 Τ		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56		MEAN WIND SPEED
N	2.2	1.4	.7									4.4	3.9
NNE	.7	1.5	. 8	• 1								3.2	5.5
NE	• 1	• 5	. 4		i							. 9	5.6
ENE	• 5	• 1	• 5				1					1.1	5.1
ŧ	• 2	•1					1			-	·	.4	3 . D
ESE	.1	.7	.6	• 1	• 2				1			1.8	8.3
SE	.7	. 4	.6	.8	• 1				·			2.6	8.3
SSE	1.7	1.2	.2	•2	·		1	<u> </u>	 	 		3.3	4.4
5	2.4	1.4	•2						<u> </u>		 -	4.0	3.4
SSW	• 5	.6							 			1.1	3.1
SW	•5	• 2	.1		 	 		·	 	 -		.8	3.9
wsw	•6	• 5	•1		<u> </u>		 		 	 		1.2	3.5
w	•5	• 7	.7	•1	·			 	 			2.0	6.1
WNW	.4		•1		 	 -						•5	3.5
NW	.7	•1			 				 			.8	2.6
NNW	1.4	.6	 	 	 				 	 		2.0	2.6
VARBL	 			 	 	 -	 		 		 	1 - 2 - 5	
CALM												70.3	
	13.1	10.0	5.1	1.4	. 4							170.3	1.4

TOTAL NUMBER OF OBSERVATIONS 8 9 6

GLCBAL CLIMATOLOGY BRANCH LSAFETAC AIR BEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	FER
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	2100-2300
		CLASS	HOVAS (L.S.T.)
		CONTIGUE	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.9	. 4	. 9									2.2	4.8
NNE	. 4	1.4	• 5									2.2	5.3
NE		• 5	• 6									1.1	6.9
ENE	• 2	. 4	•1									.7	5 • 2
E	.4	• 7	•1									1.2	4.4
ESE	.9	• 2	-6									1.8	4 . 8
SE	1.5	-1	•2	.2	• 5							2.6	6.8
SSE	2.7	• 8	• 5	• 2	• 1	.1						4.5	4.8
5	2.5	1.2										3.7	2 . 8
SSW	-8											-8	1.7
SW	-6											.6	1.8
wsw	•8	• 1			_							.9	2.5
w	•2	• 8	.4	. 4								1.8	6.7
WNW	•7	• 1	•2	•1			<u> </u>					1.2	4 . B
NW	.9											. 9	2.3
NNW	1.7	1.1	. 4									3.1	3.6
VARBL												1	
CALM	$\supset \subset$	> <	$\supset <$			$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	$\supset <$	> <	70.7	
	15.4	7.8	4.5	. 9	• 6	•1						100.0	1.3

TOTAL NUMBER OF OSSERVATIONS 846

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIF MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 1650 STATION	EIELSON AFB AK	73-82 YEARS	FEB BOOTH
		LL WEATHER	ALL HOUSE (L.S.T.)
		CONDITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.2	1.0	. 4									3.7	3.5
NNE	•6	• 9	• 7	• 1								2.5	5.6
NE	• 3	• 3	. 4	• C								1.0	5 . 8
ENE	•1	• 2	• 2	• C								-6	5.9
E	• 3	• 3	• 1									- 5	4+2
ēSE	•3	• 5	• 6	•1	.0				1	1		1.6	6.7
SE	.7	. 4	- 8	• 6	• 1							2.7	7.9
SSE	1.8	• 9	. 4	. 4	•1	•0						3.6	5.4
5	2.8	1.0	• 2	•0	•0							4.0	3.1
SSW	1.0	. 4	• 1									1.5	2.9
SW	-7	• 2	• 1									1.3	3.5
wsw	.9	• 5	• 2									1.6	3.9
w	• 8	• 5	• 5	• 2	•0							2.0	5.6
WNW	• 3	• 2	• 2	-0								.7	5.3
NW	•6	• 2	1									.8	2.6
NNW	1.2	• 9	-1									2.2	3.3
VARBL								1	İ				
CALM	$\supset <$	> <	$\supset <$	> <	><	> <	> <	$\supset <$	$\supset <$	$\supset <$	><	69.7	
	14.7	8.5	5.1	1.7	• 3	•0						100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 6768

GL09AL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	44 9
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	0000-0200
		CLA96	30VRS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.4	2.5	1.1									5.9	4.3
NNE	1.0	3.0	2.6	•1								6.7	6.0
NE	• 8	• 6	• 5	•1		1						5.0	4.9
ENE	•2	• 2	• 3									• 8	5.6
E	• 3	• 3	. 4	.1								1.2	6.0
ESE	-8	• 2	• 2									1.2	4.0
SE	1.0	• 3	• 3	• 2	t							1.8	5.1
SSE	3.0	- 3	• 3	. 4							1	4.1	4.0
\$	2.9	1.4										4.3	2.9
ssw	1.3	. 4										1.7	2.8
sw	1.2	• 5	•1									1.9	3.4
wsw	1.0	• 9	• 5	•1		1						2.5	4.6
w	• 8	1.1	1.7					1				3.0	5.3
WNW	• 5	-1	•5									. 9	3.9
NW	1.3	•2										1.5	2.3
NNW	1.9	1.5		<u> </u>								3.4	3.1
VARBL								1					
CALM	$\supset \subset$	$\supset <$	> <	> <	$\overline{}$		$>\!\!<$	$\supset \subset$		$\supset \subset$	$\supset <$	57.1	
-	20.2	13.8	7.8	1.1			·					170.0	1.9

TOTAL NUMBER OF OBSERVATIONS 930

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650 STATION	EIELSON AFB AK	73-82	MAR
\$7A 7100	STATION HAME	YEARS	WONTH
		ALL MEATHER	<u>0300-0500</u>
		CLAM	HOURS (L.S.T.)
		COMPLTION	

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	1.8	1.7	.6									4.2	4.2
NNE	.9	2.5	1.9	• 1								5.4	5.8
NE	• 3	• 5	•6		i	Γ					L	1.5	5.9
ENE	• 3	• 1	•1	. 1				1.				.6	5.5
ŧ	• 2	• 1	• 3									-6	5 • B
ESE	. 8	• 3	• 1	• 1	- 1							1.4	5 • 3
SE	1.3	. 4	• 2	. 4				1.	Ī		i	2.4	5.1
SSE	3.2	1.3								i .	1	4.5	2.9
S	4.3	1.8										6.1	2.8
SSW	1.1	. 9										1.9	3.0
sw	•5	. 4			1							1.3	3.2
wsw	1.1	.6	.9						1			2.6	4.9
W	. 4	8.	1.0							Ī	i	2.2	5.8
WNW	.5	• 1										-6	2.5
NW	.8	• 3					<u> </u>					1.1	3.0
NNW	1.5	1.5	• 2									3.2	3.8
VARBL								1					
CALM	$\supset \subset$	\times	$\supset \subset$	> <	$\supset <$	><	> <	><	$\supset \subset$		$\geq <$	60.6	-
	19.0	13.4	6.0	.8	.1							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH L'AFETAC AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	MAP MONTH
STATION	STATION NAME	ALL WEATHER	0600-0800
		CLASS	HOURS (L.S.T.)
		COMMISSION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.7	1.7	• 2									3.7	3.8
NNE	•6	2.4	2.3	•2								5.5	6.5
NE	• 2	1.0	• 5									1.7	5.6
ENE	•1		.1									• 2	4.5
ŧ	• 3	.4	•1	1								. 9	4.5
ESE	• 5	• 1	•1		1							-8	3.3
SE	1.5	•1	• 3	•2								2.2	4.6
SSE	1.6	1.5	•2		ļ		—		T			3 - 3	3.5
S	4.0	1.7										4.9	2.6
SSW	1.6	. 8										2.4	3.0
SW	- 9	. 3	• 1		·			1	1			1.3	3.1
wsw	1.1	1.2	• 5			1						2.8	4.5
w	-8	• 5	1.3						T			2.5	5.5
WHW	•2	- 3	• 2		-							• B	5.3
NW	• 3	• 3	•1									-8	4.1
NNW	1.2	1.6										2 · B	3.4
VARBL	 					1							
CALM	$\supset <$	$\supset <$	$\supset <$	$\supset \subset$			><	$\supset <$	$\supset <$		><	53.5	
	16.7	13.2	6.1	. 4								100.0	1.5

TOTAL NUMBER OF OSSERVATIONS 930

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650 STATION	EIELSON AFB AK	73-82	MAR
BOTATE	SHAM MOITATE	TEADS	MONTH
		ALL WEATHER	<u> 5900-1100</u>
	, 	CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N	5.3	3.2	.6									9.1	3.5
NNE	2.9	1.1	3.4	. 4						Ì		7.8	5.7
NE	•6	• 2	1.1	• 5								2.5	7.4
ENE	-4	• 2	• 2	•2						1		1.1	6.3
E	.5	• 3	.1					 	†	†		1.0	3.7
ESE	•2	.1	. 4	-1	.1	 		İ				1.0	8.6
SE	. 4	• 3	• 5	• 3	-	†				<u> </u>		1.6	6.6
SSE	1.3	• 5	• 1		1	†				<u>† </u>		1.9	2.9
5	3.4	• 6						· · · · · ·		1		4.1	2.4
SSW	2.2	1.3	•2									3.7	3.3
SW	1.0	. 8	•2									1.9	3.9
wsw	1.2	1.4	. 8	• 2			!	<u> </u>				3.5	5.0
w	. 4	1.0	1.2	• 3					<u> </u>		†——	2.9	6.8
WNW	- 3	•2	. 4	• 3				1	<u> </u>			1.3	7.5
NW	•6	• 2						•	<u> </u>	 		.9	2.8
NNW	2.7	2.5	•2		 	 	†	 			 	5.4	3.7
VARBL	 	———				 	† · · · ·	 	 	 	 	1	
CALM		> <	> <	> <		$\geq \leq$	$\geq \leq$	\geq	\geq	>>	\geq	50.3	
	23.5	14.0	9.6	2.5	. 1							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

SLIBAL CLIMATOLOGY BRANCH USAFETAC Alm meather service/mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2550 STATION	EIELSON AFB AK	73-82	MA∓
STATION	STATION MAME	YEARS	WORTH
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	5.6	4.8	1.1	. 4					ļ			11.9	4 - 1
NNE	3.0	1.4	1.9	1.2	•1						1	7.6	6.1
NE	.9	• 3	1.6	2.3				j				5-1	9.
ENE	• 2		• 2									- 4	5.8
ŧ	- 9	• 3	• 5	• 2								1.9	5.5
ESE	.4	• 8	. 4	• 6						<u> </u>		2.3	7.1
SE	. 4	• 5	1.3	• 2		•1						2.6	8.
SSE	1.1	• 9	. 4	• 1					1	1	1	2.4	4 . 5
S	1.5	.6	• 5						· · · · · ·	1		2.7	4 . (
SSW	1.1	1.3							<u> </u>			2.4	3.6
5W	•6	1.3	• 3	•2						1		2.5	5.
wsw	2.2	2.3	1.0	•2					1			5.6	4.0
w	2.3	2.7	1.4	• 2						1	†	6.5	5
WNW	-8	1.5	.8	. 4					 			3.4	6.
NW	1.2	• 9	•1	.1			1	1	<u> </u>	1		2.3	4.
NNW	2.2	4.3	1.1									7.5	4.1
VARSL	ĺ			,	<u> </u>		i	ļ		1		1	
CALM	\times	$\supset \subset$	\mathbb{X}	> <	$\supset \subset$	><	$\supset <$	$\supset \subset$	$\supset <$	><		32.8	
	24.2	23.8	12.7	6.2	. 1	•1						170.0	3.

TOTAL NUMBER OF OBSERVATIONS

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702450 STATION	EIELSON AFB AK	73-82	
		ALL MEATHER	1503-1700 HOVER (L S.T.)
		СОЯДІТЮЯ	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.5	4.1	1.8									9.5	4.5
NNE	1.9	1.8	2.8	.8								7.3	6.2
NE	-1	•6	3.2	2.0	• 1							6.1	9.1
ENE	• 1	.4	• 3	. 4								1.3	8.4
E	- 3	• 9	• 6	• 1								1.9	5.0
ESE	• 3	. 8	1.5	• 2				ĺ				2.8	7.0
SE	•2	• 8	• 9	• 6	• 1							2.7	8.
SSE	• 9	1.3	• 6							Ĭ		2.8	4.
\$	1.3	1.2	. 4					T				2.9	4 . :
ssw	1.4	. 9	• 1									2.4	3.
SW	1.3	1.1	• 1	• 2								2.7	4.
wsw	3.9	2.4	1.0	• 1								7.3	4.
w	3.5	4.3	2.3	• 3								10.4	5.
WNW	1.3	1.9	. 8									4.0	4.
NW	1.5	• 9	• 1		• 1		i					2.6	3.1
NNW	3 • D	2.2	• 9									6 • D	4.1
VARBL													
CALM	><	\searrow	\times	$\supset \subset$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	\geq	><	> <	27.3	
	24.6	25.4	17.4	4.9	• 3							130.0	3.

TOTAL NUMBER OF OBSERVATIONS 930

CLUBAL CLIMATOLOGY BRANCH OF AFETAC ALM REATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

7 1.55C EIELSON AFB AK 73-82 MAQ
STATION MANE STATION MANE ALL NEATHER 1800-2000
CLARS CLARS MONIFS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	i1 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.3	1.4	1.3	<u> </u>								4.5	5.1
NNE	1.2	2.4	3.9									7 - 4	6.2
NE	9.	1.6	1.8	• 9							1	5.1	7.0
ENE	•6	• 3	1.0	•1								2.0	6.4
E	1.3	• 5	• 3									2.2	3.9
ESE	1.1	- 8	• 3									2.2	4.3
SE	.9	1.0	. 4	• 6		• 3						3.2	0.2
SSE	1.5	1.1	• 2	•1								2.9	4 . C
5	2.3	1.0	• 3	<u> </u>								3.5	3.0
SSW	.6	• 5	• 1									1.3	3.6
SW	1.4	• 3	• 3								!	2.3	3.3
wsw	1.0	1.5	• 5						1			3.1	4.5
w	1.8	3.0	1.1	i							İ	5.9	4.7
WNW	.5	• 9	•1									1.5	4.1
NW	•3	• 3		†								• 5	3.D
NNW	1.7	1.5	.6				<u> </u>			i		3.9	4.1
VARSL	1	ļ	1		·								
CALM		$\supset \subset$	> <	$\supset <$	><	> <	$\supset \subset$	$\supset <$	$\supset <$	><		49.1	
	18.3	18.2	12.4	1.7		•3						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH L'AFETAC A16 WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7.2550	EIELSON AFB AK	73-82	MAR
STATION	STATION NAME	TEARS	20471
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S.T.)
	-	COMPLYION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - \$5	≥ 56	*	MEAN WIND SPEED
N	1.4	2.3	• 6									4.3	4.
NNE	1.2	3.3	2.9	• 5								8.0	6.1
NE	. 4	1.6	1.4	• 1								3.6	6.
ENE	•2	• 9	• 1									1.2	4.
E	• 2	. 3	• 1									• 6	4.
ESE	.4	• 6	• 2									1.3	4.
SE	1.7	.9	• 4	• 6	• 1							3.8	6.
SSE	1.9	1.0	. 4	• 1								3.3	3.
5	3.0	1.5	• 2				1					4.7	2.
SSW	•6	• 5										1.2	3.
SW	1.6	.9										2.5	3.
WSW	1.1	1.4	• 3	• 1								2.9	4.
w	• 4	1.2	1.0									2.6	5.
WNW	•5	• 2	• 3									1.1	4.
NW	1.0	. 4	•1				· · · · ·					1.5	3.
NNW	3.3	2.2	• 2									5.7	3.
VARBL					l	 	 					1	
CALM	> <	>	\sim	><	> <	> <			> <	\sim	> <	51.8	
	19.1	19.2	8.4	1.5	. 1			<u> </u>				100.3	2.

TOTAL NUMBER OF OBSERVATIONS

929

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702550	EIELSON AFB AK	73-82		MAR
STATION	STATION NAME		YEARS	HOUTH
		ALL WEATHER		ALL
		CLASS		HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.9	2.7	.9	• 1								6 - 6	4.2
NNE	1.6	2.2	2.7	- 4	.0							7.3	6.1
NE	• 5	. 8	1.4	.7	.0						-	3.4	7.7
ENE	• 3	• 3	• 3	-1								1.3	6.2
E	• 5	. 4	• 3	•1								1.3	5.0
ESE	•6	• 5	.4	• 1	.0							1.6	5.7
SE	.9	• 5	-6	. 4	.0	.1						2.5	6.6
SSE	1.8	1.0	• 3	-1								3 • 2	3.8
\$	2.8	1.1	•2									4.2	3.0
ssw	1.2	• 8	•1									2.1	3.2
SW	1.1	• 7	.1	•1								2.0	3.8
wsw	1.5	1.5	•7	•1								3.6	4.5
w	1.3	1.8	1.3	• 1				1				4.5	5.3
WNW	-6	• 7	• 3	•1					1		,	1.7	5.2
NW	.9	. 4	•1	•0	.0				 -			1.4	3.4
NNW	2.2	2.2	. 4									4.7	3.8
VARBL	l						<u> </u>						
CALM		> <	> <	><	\sim	> <	$\supset \subset$		$\supset <$	$\supset \subset$	> <	49.1	
	20.7	17.6	10.1	2.4	. 1	.1						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 741

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIP FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 255C	EIELSON AFB AK	73-82	4Pº
STAYION	STATION HAME	YEARS	BOHTH
		ALL WEATHER	0000-0200
		CLASS	NOVRE (L.S.Y.)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.2	2.0	. 4	.1						1		4.8	4,3
NNE	• 9	3.7	1.0									5.5	5.0
NE	.7	.7	• 3									1.7	4.3
ENE	. 4		• 1									• 6	3.0
E	-4	. 4							<u> </u>	1		.9	3.5
ESE	1.2	.4	.1	• 2								2.0	4.1
SE	3.1	. 8	•6	• 2								4.7	3.8
SSE	4.5	1.1	• 3			 						6.0	2.9
\$	6.1	2.1	.1							1		8.3	2.7
SSW	. 9	.7										1.6	2.7
SW	1.0	• 3	• 2									1.6	3.1
wsw	1.4	1.9	• 6									3.9	4.0
w	1.9	1.3	1.0	• 2						 		4.4	4.9
WNW	. 8	• 1	• 3									1.2	3.7
NW	1.1	. 4				 				<u> </u>		1.6	2.5
NNW	1.4	2.2	•2					 				3.9	3.9
VARBL													
CALM	$\supset <$	$\supset \subset$	> <	> <	$\supset <$	> <	> <	$\supset <$	$\supset \subset$	$\supset <$	> <	47.5	
	28.1	18.2	5.3	. 8								100.0	2.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	APR
STATION	STATION HAME	YE	ARS WORTH
		ALL WEATHER	0300-0500
		CLASS	MOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	1.4	.9									4.3	4.4
NNE	1.1	1.4	.7	• 1								3.3	4.7
NE	•6	.7	• 7									1.4	4.
ENE	.7											• 7	2.
E	• 5	.1										.7	3.1
ESE	•9	• 3	.4									1.7	4.
SE	1.2	.7	. 4	• 6								2.9	5.
SSE	5.2	.7	• 2	•1						1		6.2	2.
S	4.9	1.2	•1			1						6.2	2.
SSW	• 8	.7	i				T	<u> </u>				1.4	3.1
SW	1.2	• 3		•1					·			1.7	3.
wsw	1.4	1.7	•7			 						3.8	4.
w	1.6	1.8	.9								i	4.2	4.1
WNW	.4	.3	•2									1.0	4.
NW	1.1						<u> </u>				i	1.1	1.
NNW	2.0	1.4	•2				<u> </u>					3.7	3.
VARBL						1						1	
CALM	><	> <	> <	> <	>		> <		$\supset <$			55.7	
	25.7	12.8	5.0	. 9								100.0	1.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650 STATION	ETELSON AFB AK	73-82 YEARS	APR BONTH
		ALL WEATHER	0600-0800 HOURS (L.S.Y.)
	-,	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥ 56	*	MEAN WIND SPEED
N	2.2	1.4	. 4									4.1	3.9
NNE	1.0	1.3	• 3									2.7	4 . 3
NE	• 3	. 4	•2	• 1								1.1	5.6
ENE	•2	• 2	• 1									.6	4.0
E	1.3	• 2	•1									1.3	3.1
ESE	1.1	. 4	. 4									2.0	4.2
SE	.8	• 9	. 4	- 6								2.7	6.4
SSE	2.0	• 8	• 2	• 3	• 1	•1						3.6	5.3
\$	4.2	1.0	•1									5 - 3	2.9
SSW	1.9	.9										2.8	2.1
SW	1.4	• 9										2.3	3.0
wsw	1.7	1.6	.7									3.9	4
w	1.6	2.9	1.2									5.7	4.9
WNW	. 4	1.0	• 4									1.9	4.
NW	•2	. 4										.7	3.3
NNW	1.4	. 9	• 1									2.4	3.0
VARBL											·		
CALM	> <	> <	> <	> <	> <	> <	> <	$\supset \subset$	$\supset \subset$	><	> <	57.3	
	21.6	15.4	4.9	1.0	• 1	.1					-	100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 8 9 9

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIG SEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	APR
STATION	STATION NAME	YEAGS	80474
		ALL WEATHER	0930-1100
		CLAM	HOURE (L.S.Y.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	8.1	3.2	.8									12.1	3.1
NNE	2.9	1.1	1.0	. 1								5.1	9.
NE	.7	.7	•7	• 2								2.2	5.
ENE	• 2	- 4	. 4	• Z								1.3	6.5
E	.9	.7	1.0	•1				· ·				2.7	5.6
ESE	1.0	1.1	1.4	•1								3.7	5.1
SE	• 3	1.7	1.6	• 5	•2				1	ļ		4.6	8.0
SSE	•6	1.1	.7	• 8	<u> </u>			<u> </u>		i 1		3.1	7.3
s	1.9	1.2	•1									3.2	3.4
SSW	2.1	1.4	•2					İ				3.8	3.4
sw	1.5	1.2	•2					-				3.0	3.9
wsw	1.5	4.1	• 9									6.6	4.6
w	1.9	2.6	2.8	. 4	• 2		<u> </u>					7.9	6.3
WNW	1-1	1.2	.9	.1	• 1							3.4	5.3
NW	.9	1.2	•3	• 2								2.7	4.6
NNW	2.4	1.4	•6	• 1						1		4.6	4.0
VARBL		———										#	
CALM	> <	\sim	\sim	\sim	\sim	\sim	\sim		\sim	\sim	> <	30.0	
	28.1	24.5	13.6	3.2	.6							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

CLCSAL CLIMATOLOGY BRANCH USAFETAC Alk meather service/mac

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	APR
STATION	STATION NAME	YEARS	HTHOM
		ALL WEATHER	1230-1430
	<u></u>	CLASS	HOURS (L.S.T.)
		COMPITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.1	3.7	2.8	• 3								9.9	5.3
NNE	2.1	1.1	1.1	• 8	• 1			[_				5.2	6.1
NE	1.2	• 3	1.1	• 3								3.0	6.0
ENE	.8	. 9	.6	•1								2.3	5.
ŧ	1.0	1.2	1.0				1					3.2	5.
ESE	.9	1.0	1.6	•1								3.6	5.
SE	8.	1.2	3.0	. 9	• 1							6.7	7.
SSE	• 3	1.3	2.3	• 3								4.3	7.
5	.4	1.4	1.0		•1		†	,	·			3.0	6.
SSW	1.6	. 8	• 1	• 2	<u> </u>							2.7	4 . 1
SW	1.1	1.3	.4	•1								3.0	4.
wsw	1.7	4.0	1.1									6.8	5.
w	2.8	4.7	4.2	1.1								12.8	6.
WNW	1.4	2.6	1.4	• 7			<u> </u>					6.1	6.1
NW	1.4	2.4	1.0		.1					1		5.0	5.0
NNW	2.4	2.0	1.6	• 3								6.3	4.9
VARBL									1				
CALM		> <	>	> <	> <	> <	> <		> <	$\supset <$		16.8	
	23.1	30.0	24.3	5.3	. 4	· · · · · · · · · · · · · · · · · · ·						100.0	4.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	APR _
STATION	STATE MOSTATE	YEARS	ROHTH
		ALL WEATHER	1530-1730
		CLASS	HOURS (L.S.T.)
		CANDITION	

SPEED (KNTS) DIR.	1 - 3	4 . 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.4	3.8	3.2	• 3								10.8	5.3
HHE	1.2	1.7	2.4	• 9	• 3							5.5	7.7
NE	.6	• 3	.9	1.9	• 1							3.8	10.4
ENE	• •	.7	.8									1.8	6.3
E	1.7	.9	1.3								 	3.9	5.0
ESE	.7	1.0	1.2	• 2			!		i			3-1	6.5
SE	.6	1.4	2.0	• 8						†		4.8	7.3
SSE	.6	1.1	.7	. 4					1	<u> </u>		2.8	6.5
5	7	1.1	.9					 				2.7	5.2
SSW	.6	1.3	.3			<u> </u>			1			2.2	4.7
SW	1.1	1.7	.9						†———		1	3.7	4.7
WSW	1.0	4.4	1.8	• 3		<u> </u>			1			7.6	5.7
w	2.4	5.6	5.1	. 9			l — —	<u> </u>	1			14.3	6.1
WNW	2.3	4.3	1.1	• 3								8.1	5.0
NW	1.9	2.8	1.3	.1					<u> </u>			6.1	4.8
NNW	1.3	1.9	1.6	• 1								4.9	5.4
VARBL						ļ				<u> </u>			
CALM	$\supset \subset$	$\supset \subset$	> <	> <	> <	> <	$\supset <$	> <	$\supset <$	$\supset <$	\sim	13.3	
	20.3	34.0	25.6	6.3	. 4							130.3	5.2

C C 9

USAFETAC JUL 44 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	APR
STATION	STATION NAME	YEARS	HONTH
		ALL WEATHER	1800-2000
		CLAM	HOVES (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.8	3.3	1.6									7.7	4.6
NNE	1.4	3.9	3.8	.7						l		9.8	6.5
NE	1.7	1.6	1.8	• B		}					Ţ	5.8	6.4
ENE	1.6	• 7	. 9									3.1	4 . 8
E	.9	1.3	. 3			1						2.5	4.2
ESE	.9	1.4	• 3	• 1								2.8	4.7
SE	.9	1.1	1.0	.7								3.7	6.7
SSE	1.2	•6	• 1							Ī		1.9	3.0
s	1.3	• 3	• 1	• 1								1.9	3.5
SSW	1.5	• 6										2.1	2.6
SW	1.1	.7	• 1								Ī	1.9	3.6
wsw	1.8	3.6	1.0									6.3	4.5
w	3.7	3.2	1.3	•2		Ţ						8 • 5	4.6
WNW	2.3	2.9	1.4									6.7	4.7
NW	2.3	• 9	• B	• 1							ĺ	4.1	4.2
NNW	1.6	1.6	• 6					1				3.7	4.0
VARBL												1	
CALM	>>	\times	> <	> <	\supset	\supset	\boxtimes	\times	$\supset \subset$	> <	\times	27.6	
	27.0	27.6	15.1	2.7								120.0	3.5

TOTAL NUMBER OF OBSERVATIONS R.O. G.

JSAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIS MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	3.2	1.0									5.8	4 . 8
NNE	1.9	3.7	1.7			7						7.2	5.1
NE	1.0	1.9	• 6									3.4	4.6
ENE	.9	• 0	• 2									1.9	4.0
E	. 4	.7	.1									1.2	4.4
ESE	1.3	• 8	•3	•1								2.6	3.8
SE	2.8	1.3	.4	• 1		.1						4.8	4.3
SSE	4.6	1.8					T					6.3	2.7
5	3.6	1.0	• 3									4.9	3.0
SSW	1.0	• 6							1			1.6	2.9
SW	1.6	• 3	. 4							1		2.3	3.6
WSW	1.5	1.8	• 3									3.7	3.8
w	2.4	1.7	•2	•1				i				4.4	3.8
WNW	.7	• 3	, 3							1		1.3	4.9
NW	• 3	• 3							ļ		i	.7	3.7
NNW	1.9	1.1	•1									3.1	3.1
VARBL								<u> </u>					
CALM	><	\sim	> <	> <	> <	> <	\supset	$\supset <$	$\supset <$	$\supset \subset$		44.8	
	27.4	21.2	6.1	. 3		.1						100.0	2.2

OC 9 SHOITAVESES TO RESEMBIN LATOT

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR -EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	APP
STATION	STATION NAME	YEARS	8047#
		ALL WEATHER	ALL
	-	CLASS.	HOWRS (L.S.T.)
	- "	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.2	2.8	1.4	•1					i			7.4	4.5
NNE	1.6	2 • 2	1.5	• 3	• 1			I				5.7	5.7
NE	•8	• 8	.7	. 4	•0							2.3	6.3
ENE	•6	• 5	. 4	•0								1.5	4.5
E	.9	• 7	• 5	• D				<u> </u>				2.1	4.6
ESE	1.0	• 8	• 7	• 1								2.7	5.0
SE	1.3	1.1	1.2	• 6	• 8	.0						4.3	6.3
SSE	2.4	1.1	• 6	• 3	•0	•0						4.3	4.3
s	2.9	1.2	• 3	• C	•0							4.4	3.3
SSW	1.3	• 9	•1	•0								2.3	3.3
SW	1.3	. 8	• 3	•0					1			2.4	3.9
wsw	1.5	2.9	. 9	•0								5.3	4.7
w	2.3	3.0	2.1	. 4	•0			<u> </u>				7.7	5.5
WNW	1.2	1.6	. 8	•1	• 5		ĺ	Ì				3.7	5.1
NW	1.2	1.1	. 4	. 1	•0							2.7	4.4
NNW	1.8	1.6	• 6	• 1								4.1	4.2
VARBL	 	<u> </u>					ľ					1	
CALM		> <	\sim	><	\nearrow	> <	> <	> <	> <	\searrow	> <	36.6	
	25.2	23.0	12.5	2.6	• 2	•0						100.3	3.1

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH UCAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	LIELSON AFB AK	73-82	MAY
STATION	STATION MANE	TEARS	MONTH
		ALL WEATHER	0000-0200
		CLASS	HOURS (L.S.T.)
		CÓNDITION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.4	2.5	• 3									3.8	4.0
NNE	1.1	4.1	• 9				1					6.0	5 • 0
NE	. 4	• 5	. 4									1.4	5.
ENE	•6	• 5	• 6									1.8	5.1
E	1.6	. 4	• 3		i							2.4	3.3
ESE	1.5	• 5	•1	•1								2.3	3.5
\$E	2.5	1.6	. 9	1								4.9	4.
SSE	5.1	2.8	• 1	•1	1							8.1	3.1
\$	4.4	2.4										6.8	3.0
SSW	• €	• 3										1.1	2.6
SW	• 5	• 5	• 2									1.4	3.
wsw	1.3	1.5	1.5							1		4.3	5.1
w	1.3	. 9	• 6				<u> </u>					2.8	4 .
WNW	•5	• 2	• 2				İ				_	1.0	3.
NW	1.0	. 4										1.4	2.
NNW	1.1	2.0	•2									3.3	4.
VARSL	†				<u> </u>	 				· · · · · ·		1 1	
CALM	$\supset \subset$		> <	> <	$\supset \subset$		> <	> <	$\supset \subset$	$\overline{}$	>	47.3	
	25.2	20.9	6.5	• 2								100.0	2.

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLSBAL CLIMATOLOGY BRANCH US/FETAC A18 KEATHER SERVICE/MAC

4)

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 265C	EIELSON AFB AK	73-82	TEARS	M A Y
		ALL WEATHER CLASS		0330-055C
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	1.7	•2									4.2	3.4
NNE	1.0	2 • 3	1.4		_				Ī	T		4.6	5.1
NE	• 9	• 6	1.0		i							2.5	5.4
ENE	•5	• 8	• 1						1			1.4	4.5
E	.4	. 4	•1		<u> </u>				1	1		1.0	4.1
ESE	•6	• 1	• 2	• 1			1			<u> </u>		1.1	5.0
SE	1.7	• 8	• 1									2.6	3.1
SSE	5.1	2.2	• 2							<u> </u>		7.4	3.0
5	5.6	1.9	• 1						T	<u> </u>		7.6	2.8
ssw	1.1	• 2	•2		i							1.5	2.9
SW	.4	• 3	• 1							·		.9	3.9
wsw	•9	2.2	.9	•1								4.0	5.2
w	1.2	1.1	•1				<u> </u>		 			2.4	3.8
WNW	-8	•1	•1	• 1	ļ ———							1.1	3.8
NW	.4			•1								.5	4.0
NNW	•6	. 4	. 4				1					1.5	4.4
VARBL												1	
CALM	\times	\mathbb{X}	> <	><	$\supset <$	> <	$\supset <$	$\supset <$	$\supset \subset$	><	> <	55.8	
	23.5	15.1	5.3	. 4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

929

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 2555	EIELSON AFB AK	73-82	MAY
STATION	STATION NAME	YEARS	#ONTE
		ALL WEATHER	06 00+08<u>00</u>
		CLASO	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.9	1.2	•2									4.3	3.0
NNE	1.2	. 9	2.0	• 1								4.2	5 . 6
NE	.6	• 9	1.2	•2								2.9	6.1
ENE	• 2	• 5	• 8	• 3								1.8	7.4
E	.8	• 5	. 4	.1								1.8	5 - 1
ESE	1.1	-1	• 5	. 4								2.2	6.1
SE	.6	. 4	1.1	. 4	• 2	-						2.8	7.7
SSE	1.2	1.2	.4	. 4								3.2	5.2
S	3.8	3.6	•6									8.0	3.7
ssw	3.3	• 9										3.9	2.6
SW	1.6	1.0	. 4									3.0	3.4
wsw	1.6	1.4	• 6									3.7	4.5
W	1.0	2.8	2.2	• 3			<u> </u>					6.2	6.2
WNW	1.4	. 4	• 6									2.5	4 - 1
NW	.8	. 4	•1	• 1								1.4	4.2
NNW	2.7	.6	.2	.1				l				3.7	3.2
VARBL		 					 					 	
CALM		\sim	>>	> <		>			>	\sim	> <	44.5	
	24.4	16.8	11.5	2.6	• 2							170.0	2.6

TOTAL NUMBER OF OBSERVATIONS

929

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLEBAL CLIMATOLOGY BRANCH LSAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELS	ON AFB	AK			73-82							MAY			
BOTATE			STATIC	M NAME							PRASY				•	ONTH
		_				AL		ATHER								-1130
				CLASS										W00 112	(C. B. T.)	
							CONE	TION					_			
		_											_			
Γ	SPEED				\top											MEAN

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 · 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.8	3.4	.6				1				<u> </u>	7.8	3.5
NNE	2.9	1.2	• 6	• 1							I	4.8	3.8
NE	1.5	• 9	1.6	• 3	• 1							4.9	6.2
ENE	•6	• 6	. 9	• 1								2.3	5.7
E	1.1	1.2	1.3	. 4								4.3	6.2
ESE	• 6	1.2	1.3	• 6				T				3.8	7.4
SE	• 1	1.3	1.1	1.0		•1						3.5	6.9
SSE	• 9	1.3	1.7	. 4	• 2							4.5	7.1
5	1.5	1.1	1.1	•1								3.8	5.1
SSW	1.6	1.3	8.									3.7	4 . 4
SW	1.1	1.2	1.2	• 1			i		 			3.5	5.4
wsw	2.2	2.9	1.3	• 1								6.5	4 . 8
w	2.7	4.0	2.9	1.2			1					10.8	6.0
WNW	2.3	1.9	1.6	• 2								6.0	5 . D
NW	2.4	1.3	1.0									4.6	4 . D
NNW	3.4	3.1	. 8	• 1				1	†			7.4	4.1
VARSL													
CALM			> <	><						$\supset <$		18.6	
	28.6	27.8	19.7	4.8	. 3	. 1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

GLIBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2550	EIELSON AFB AK	73-82		MAY
STATION	STATION NAME		YEARS	MONTH
		ALL WEATHER		1235-1450
		CLASS.		WOORS (L.S.T.)
		CONDITION		
				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
N	2.5	3.3	3.1	. 4	• 2							9.6	6 • D
NNE	1.4	3.2	2.6	• 5	• 1							7.B	6.5
NE	1.7	1.7	. 8	1.1	• 3							5 - 6	6.9
ENE	• 9	1.7	1.3	. 4								4.3	6.1
ŧ	• 9	2.0	1.7	• 5								5.2	6.7
ESE	1.1	1.4	• 8	. 3								3.5	5.8
SE	. 4	• 5	1.3	• 6	• 2							3.1	5.3
SSE	1.1	1.0	1.4	• 2	• 1							3.8	6.2
S	1.0	2.2	2.0	• 2								5.4	5.9
ssw	2.5	1.7	1.2	. 4								5.4	5.4
SW	1.2	• 9	1.4	1.0							1	4.4	6.8
wsw	1.1	1.1	2.4	• 9								5.4	7.4
w	1.5	4.1	3.8	1.7								11.1	7.0
WNW	1.7	3.1	1.9									6.8	5.3
NW.	1.0	2.4	1.3	.1								4.7	5.3
NNW	1.4	2.9	1.5									5.8	5 • 2
VARBL													
CALM		$\supset <$	> <	><	$\supset \subset$	$\supset \subset$	$\supset <$		$\supset <$	$\supset <$		8.2	
	20.8	33.2	28.4	8.5	1.0				1			100.3	5.8

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH UCAFETAC AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702-50	EIELSON AFB AK	73-82	YEARS	MAY
2.4.0		ALL WEATHER		1500-1700 HOURS (L.E.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
Z	1.4	4 - 1	2.6	• 5								8.6	6.0
NNE	1.4	2.7	2.4	1.0		• 1				T		7.5	6.9
NE	• 5	2.2	2.3	2.4	• 1							7.4	8.9
ENE	3.	1.2	2.2	. 9	• 1							5.1	8.0
E	1.2	1.8	2.4	.6	.1							6.1	6.9
ESE	.4	1.5	2.2	• 2								4.3	7.2
SE	•1	• 9	1.6	. 8		•1				!		3.4	8.9
SSE	.4	1.3	1.4	.4	• 3	•1				 		3.7	8.8
S	1.0	2.0	1.5	.6	• 1			1		† — — ·		5.3	7.0
SSW	.4	1.5	1.1		• 1							3.1	6.0
SW	•5	2.6	1.1						1	† 		4.2	5.6
wsw	1.1	2.5	1.8	.6					†			6.3	6.5
w	1.4	3.9	3.9	1.2								10.3	6.9
WNW	1.3	3.8	2.6	. 8						·		8.4	6.4
NW	.9	2.0	2.5	•2					† · · · · · · · ·	 		5.6	6.3
NNW	.6	2.8	1.1	• 3					 	 		4.8	5.6
VARBL										 		+	
CALM		\times	> <	> <	>>	><	> <	> <		> <	> <	6.1	
	13.4	36.3	32.4	10.5	. 9	• 3						130.0	6.5

TOTAL NUMBER OF OBSERVATIONS

SLEBAL CLIMATOLOGY BRANCH DEAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	MAY		
STATION	STATION MANE	YEARS	MONTH		
		1833-2008			
		CLASS	HOWES (L.S.T.)		
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.7	3.2	2.0									7.3	5.3
NNE	1.4	3.1	2.9	• 9]			8 • 3	6.6
NE	1.5	3.9	4.0	1.8	• 1							11.3	7.3
ENE	1.5	2.0	1.7	. 4					1			5.7	5.9
ŧ	1.5	1.8	1.7	.4					1			5.5	5.8
ESE	.4	1.2	1.1	• 2			<u> </u>					2.9	6.1
SE	• 5	1.0	.6	. 4			1					2.5	6.7
SSE	.6	• 5	.9	• 2	<u> </u>							2.3	6.C
S	-8	1.6	1.1	•1	1			† — — —		i		3.6	5.7
SSW	.6	1.3	• 3	•1					ļ			2.4	5 • 1
SW	1.6	1.0	•6		• 1				† · · · · ·	1		3.3	4.7
WSW	1.2	2.0	1.0	•2			1					4.4	5.5
w	2.5	4.0	4.4	• 5	<u> </u>			1				11.6	6.1
WNW	1.8	3.0	2.5	• 5					 			7.9	6 . C
NW	2.6	2.4	1.2						†			6.1	4.4
NNW	1.3	1.6	• 8	•1				<u> </u>		<u> </u>		3.8	4.9
VARBL	!			1			1					1	
CALM	$\supset \subset$	$\supset <$	> <	> <	> <	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	11.4	
	21.6	33.7	26.8	6.2	• 2		-					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR STATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	MAY BONTH
BIATION	STATION RADE		
		ALL WEATHER	2100-2300 mounts (C.S.T.)
		CLASS	HOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	3.3	• 5									5.3	4.4
NNE	1.7	3.1	1.8		1							6.7	5.0
NE	2.7	3.1	1.4	• 3								7.5	4.7
ENE	2.2	1.4	• 5									4.1	3.9
E	•6	• 6	• 3									1.6	4.3
ESE	1.3	• 8	• 2									2.3	3.6
SE	1.1	1.2	•5	• 3								3.1	5.2
SSE	3.4	1.9	• 3									5.7	3.5
5	2.9	1.7	• 2									4.8	3.2
SSW	1.9	• 5										2.5	2.3
sw	1.4	• 6	• 1									2.2	3.2
wsw	1.6	1.4	• 9									3.9	4.5
w	1.5	2.4	1.4	• 1				T				5.4	5.1
WNW	• 8	1.7	• 4									2.9	4.7
NW	1.3	• 3										2.0	3.1
NNW	1.0	1.7										2.7	3.8
VARBL												1	
CALM	> <	\times	\times	> <	$\supset \subset$	> <	>>		\geq	><	\searrow	37.4	
	26.8	26.3	8.7	. 8								120.0	2.6

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIG MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	MAY
STATION	STATION MANE	YEARS	WOM TH
		ALL WEATHER	ALL
	 	CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 · 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.2	2.8	1.2	•1	0.0							6.3	4.8
NNE	1.5	2.6	1.8	• 3	• 0	• 0						6.3	5.7
NE	1.2	1.7	1.6	. 8	• 1							5.4	6.7
ENE	. 9	1.1	1.0	• 3	• 0			Ī .				3.3	6.0
E	1.3	1.1	1.0	• 3	.0							3.4	5.9
ESE	• 9	.8	•8	• 3								2.8	5.9
SE	.9	1.0	• 9	. 4	.1	-0						3.3	6.6
SSE	2.2	1.5	• 8	• 2	.1	• 0						4.8	4.8
5	2.6	2.1	. 8	• 1	• 0							5 • 6	4.3
ssw	1.4	1.0	. 4	• 1	• 0							2.9	4.2
SW	1.1	1.0	• 5	•1	. 0							2.9	5.0
WSW	1.4	1.9	1.3	•2								4.8	5.5
w	1.6	2.9	2.4	• 1							1	7.6	6.1
WNW	1.3	1.8	1.3	•2					Ī			4.6	5.4
NW	1.3	1.2	• 5	•1								3.3	4.7
HHW	1.5	1.9	• 6	•1								4.1	4.5
VARSL												1	
CALM	\boxtimes	$\supset \subset$	> <	><		\times	><	\geq	$\supset \subset$		$\geq \leq$	28.7	
	23.0	26.3	17.4	4.3	• 3	.1						100.0	3.9

TOTAL NUMBER OF DESERVATIONS 7437

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLCBAL CLIMATOLOGY BRANCH USAFETAC A14 BEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650 STATION	EIELSON AFB AK	73-82 Years	
		ALL WEATHER	0000-0200
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56	*	MEAN WIND SPEED
N	1.9	.9	• 1									2.9	3.
NNE	• 3	1.4	• 1									1.9	4.
NE	.6	• 1										.7	2.
ENE	• 2	•1	•1									.4	5.1
E	1.0	. 4										1.4	3.
ESE	2.4	. 8										3.2	2.
SE	2.9	1.2	.3	•1	ļ ———	<u> </u>		 				4.6	3.
SSE	9.9	2.3	. 4	• 1				Ţ	<u> </u>			12.8	2.
5	12.2	2.8	.1		.1							15.2	2.
SSW	2.9	.9						<u> </u>				3.8	2.
SW	2.1	.9	.6					1	†			3.6	3.
WSW	2.3	1.3	1.1				1					4.8	4.4
w	1.9	2.3	.7				T		<u> </u>			4.9	4.
WNW	.4	• 7	•1				1		i			1.2	4.
NW	.8	. 4	.2		1							1.4	3.1
NNW	.8	.6				1						1.3	3.
VARBL			<u> </u>	ļ	t		1						
CALM		\boxtimes	>	\times	\geq	><	\supset	\geq	$\geq \leq$	\boxtimes	> <	35.9	
	42.7	17.2	3.9	• 2	• 1							100.0	2.

TOTAL NUMBER OF OSSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	Jun
STATION	SHAR ROTATE	YEAGS	MONTH
		ALL WEATHER	0300-0500
		CLAM	HOURS (L.S.T.)
		COMPITION	
		COMPTION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	• 1	• 2									2.0	2.8
NNE	1.2	. 8	• 1									2.1	3.5
NE	• 3	. 4	• 1									. 9	4.8
ENE	• 4	-1						1				• 6	2.4
ŧ	1.0	• 1										1.1	2.2
ESE	1.3	• 2	•1	• 1								1.8	3.4
SE	3.1	1.2	• 3									4.7	3.3
SSE	7.8	1.6	• 3									9.7	2.7
S	11.0	3.9										14.9	2.8
SSW	3.0	1.0										4.3	2.6
SW	1.2	• 9	• 3									2.3	3.8
WSW	2.1	2.6	1.6	•2								6.4	4.8
w	1.7	1.6	1.2									4.4	4.9
WNW	. 4	• 3	. 6									1.3	5.2
NW	. 4	• 2	• 1									.8	3.3
NNW	• 7	• 2		• 1								1.0	3.4
VARBL													
CALM		$\supset \subset$	\times	$\geq \leq$	$\geq \leq$	$\supset <$	$\supset \subset$	><	> <	$\supset \subset$	>>	42.0	
	37.4	15.1	5.0	. 4								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	JUN
STATION	STATION NAME	YEARS	BONTH
		ALL WEATHER	0600-3800 woods (C.E.T.)
		CLASS	HOURS (L.S.T.)
		COMBITION	_

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	1.3	•2							†		3.4	3.3
NNE	1.2	• 6	•1									1.9	3.2
NE	.7	• 2	.6									1-4	5.1
ENE	-6	• 1	• 1									. 8	2.7
E	-3	• 2	.1	• 1						<u> </u>		.8	5.1
ESE	•6	.7	. 4	• 1								1.8	5.3
SE	1.1	. 4	• 6	. 4								2.6	5.9
SSE	• 5	1.3	.7	• 1						1		3.0	5.0
5	5.3	3.8	.7									9.8	3.6
SSW	4.6	2.3	•2									7.1	3.2
sw	3.8	2.0	. 3	• 2		1						6.3	3.6
WSW	3.7	2.7	1.7									8.0	4.2
w	2.9	3.8	3.7	.9	• 1							11.3	6.1
WNW	1.2	2.0	1.1	• 3								4.7	5.5
NW	-8	. 4	•2			1		i				1.4	3 . B
NNW	1.7	• 3	• 3					i				2.3	3.0
VARBL								1	1	<u> </u>			
CALM		$\supset <$	> <	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	> <	33.3	
	31.1	22.2	11.0	2.2	. 1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

6L03AL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7^265C	EIELSON AFB AK	73-82	JUN
STATION	STATION HAME	YEARS	MORTH
		ALL WEATHER	0900-1100
		CLASS	HOURS (L.S.T.)
		COMPLYION	_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥ 56	*	MEAN WIND SPEED
N	2.8	2.8	.6									6.1	3.9
NNE	1.6	. 8	.4									2.8	3 - 8
NE	.9	• 6	.9	• 3								2.7	6.3
ENE	•7	•2	.7	•1								1.7	5.9
E	•6	• 8	. 4									1.8	4.9
ESE	.7	3	• 3	-1								1.4	5.0
SE	-4	1.6	.6	•2								2.8	5.9
SSE	1.2	• 3	. 8	•2								2.6	5.1
\$	3.2	2.3	1.0	• 1	• 1							6.8	4.4
SSW	2.2	2.1	• 7	•1								5.1	4.3
SW	1.7	2.6	1.1	• 3								5.7	5.4
wsw	3.0	3.0	1.6	• 4								8.0	5.0
	2.8	5.9	6.8	1.7								17.1	6.6
WNW	2.4	4.1	2.6	- 4								9.6	5.9
NW	2.0	1.9	.9	•1								4.9	4.5
NNW	2.4	Z.1	1.0									5.6	4.3
VARSL				<u> </u>									
CALM	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	> <	$\supset <$	$\supset <$		$\supset <$	><	><	15.6	
	28.6	31.3	20.2	4.2	. 1							100.0	4.4

TOTAL NUMBER OF OSSERVATIONS 900

USAFETAC O-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SLCEAL CLIMATOLOGY BRANCH USAFETAC AIP LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702550	EIELSON AFB AK	73-82	JUN
STATION	STATION NAME	YEARS	MTHOM
		ALL WEATHER	1200-1400
		CLASS	HOURS (L.S.T.)
			-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.0	3.6	1.0	• 3								7.9	4.6
NNE	2.0	1.9	1 • 2	. 4	• !		I					5.7	5.6
NE	7	1.2	• 6	. 8								3.2	7.2
ENE	• 3	• 3	1.1	• 3			Ĭ					2.1	7.5
E	•6	• 3	• 6	• 2								1.7	5.7
ESE	•6	• 6	. 4	• 1								1.7	5.7
SE	• 3	• 1	1.1				I			İ		1.6	5.9
SSE	1.6	• 7	1.3	• 3						I		3.9	5.8
5	.9	2.0	1.3	• 2								4.4	5.8
SSW	1.2	2.3	1.1									4.7	5.1
SW	.8	. 8	. 9	• 3				L				2.8	6.4
W\$W	1.5	4.1	3.0	• 6								9.2	6.1
w	1.9	4.6	7.1	1.4								15.0	7.1
WNW	2.2	4.9	4.2	1.2				L				12.6	5.6
NW	1.1	3.2	2.1	• 2						l		6.7	5.7
NNW	2.3	3.2	1.9	• 3								7.8	5.2
VARBL													
CALM	$\supset \subset$	\times	\searrow	> <		\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	9.2	
	21.0	33.8	29.0	6.9	• 1							100.0	5.5

GL/SAL CLIMATOLOGY BRANCH USAFETAC ATR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 1650	EIELSON AFB AK	73-82	PUL
STATION	STATION NAME	YEARS	BONYS
		ALL WEATHER	1500-1700
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	17 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.9	4.6	1.3	• 7	• 1	İ			1			8.6	5.6
NNE	2.1	2.6	. 9	. 7								6.2	5.4
NE	• 9	1.0	1.3	1.1								4.3	7.3
ENE	•6	• 6	.9	• 2					1			2.2	6.5
E	-8	.7	.9	• 3				1		İ		2.7	6.5
ESE	•1	. 9	• 6					i				1.6	6.0
SE	•3	-8	.9	•1		f			1			2 - 1	6.3
SSE	•6	- 4	•6	• 1								1.7	5 • 3
\$	• 5	2.2	1.2	• 3					1			4.6	6.0
SSW	1.0	1.2	. 9	• 1		<u> </u>						3.2	5 • 3
SW	1.1	2.0	1.0	. 4								4.6	5 . 8
wsw	1.8	3.2	2.1	. 4	•1							7.7	5.8
w	3.3	6.2	6.4	1.4				1				17.4	6.5
WNW	1.4	4.3	5.1	1.0	•1							12.3	6.8
NW	2.1	3.8	3.1	• 2								9.2	5.5
WMM	2.2	2.6	1.7	•2								6.7	5.3
VARBL													
CALM		> <	$\supset \subset$	> <	> <	$\overline{}$	> <	$\supset <$	$\supset <$	$\supset <$	> <	5.3	
	21.0	37.0	28.9	7.4	• 3							170.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH ESAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702550 STATION	EIELSON AFB AK	73-82	NUL
STATION	STATION NAME	YEARS	MONTH
		ALL WEATHER	1830-2600
		CLASS	HOURS (L.S.1.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.7	2.9	1.4	. 4								6.4	5.3
NNE	1.3	2.2	1.3	• 2								5.1	5.1
NE	1.7	1.1	1.9	• 6						i		5.2	6 • D
ENE	. 4	• 7	• 3	. 1						Г		1.5	5.8
E	.7	1.0	• 2	• 1								2.0	4.7
ESE	• 3	1.0	• 1	.1								1.6	5.4
SE	- 3	. 4	.8									1.6	5.4
SSE	• 7	. 7	• 6	. 1								2.3	5.4
S	1.9	2.4	1.0									5.3	4.4
SSW	2.3	1.4	• 6									4.0	3.9
SW	1.0	1.7	. 8	• 1								3.6	5.0
wsw	2.1	2.2	1.7	• 3	•1							6.4	5.7
w	5.0	6.4	5.2	.7							1	17.3	5.6
WNW	2.0	6.3	2.9	.7								11.9	5.8
NW	2.7	3.6	1.7					1				7.9	4.5
WMM	2.0	3.1	. 9									6.3	4.7
VARBL						i							
CALM	$\supset <$	\times	> <	> <	\geq	\times		\geq	\geq	$\geq \leq$	><	12.1	
	25.8	37.2	21.3	3.4	. 1							100.3	4.6

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

732650	EIELSON AFB AK	73-82	JUN _		
SYATION	STATION NAME		YEARS	MONTH	
		ALL WEATHER		2100-2300	
		CLASS		HOURS (L.E.T.)	
		CONDITION			

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	1.0	• 2									2.3	3.7
NNE	2.4	1.6	• 3									4.3	3.6
NE	2.3	1.0	• 6							1		3.9	3.6
ENE	1.6	• 2	• 1		i	f				ī		1.9	2.4
E	.7	• 3										1.0	3.2
ESE	1.7	.6										2.2	2.7
SE	7.2	1.4	•1						T	!		3.3	3.3
SSE	3.7	2.1	• 6	i								6.3	3.5
\$	5.7	2.0	• 3						1	<u> </u>		8.0	3.0
SSW	3.1	1.2	• 2						——	!		4.6	3.2
SW	2.4	1.4	. 4							1		4.3	3.5
wsw	3.6	2.3	. 9							<u> </u>		6.8	3.8
w	3.3	3.8	1.8	• 2						 		9.1	4.7
WNW	1.4	1.2	• 2	•1								3.0	4.3
NW	1.6	1.3	• 3			1						3.2	3.7
NNW	1.2	1.0	•1									2.3	3.5
VARBL	1											#	
CALM			> <	> <	> <	> <	> <		$\supset <$	><	> <	72.9	
	38.0	22.6	6.2	• 3								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC JUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

EIELSON AFB ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION. (U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOIT A. 22 JUL 83 USAFETAC/DS-83/027 SB1-AD-E850 416 F/G 4/2 AD-A134 198 216 UNCLASSIFIED NL



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS ~ 1965 - A

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WELTHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650 STATION	EIELSON AFB AK	73-82	JUY BORTH
		ALL WEATHER	B L L
		COMBITION	·

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	2.1	.6	• 2	•8							5.0	4 . !
NNE	1.5	1.5	.6	• 2	• 0							3.7	4.
NE	1.0	.7	.7	• 3								2.8	5.
ENE	•6	• 3	. 4	•1			1					2.4	5.
E	.7	• 5	. 3	. 1					T			1.6	4.
ESE	1.0	• 6	•2	• 1								1.9	4.
SE	1.3	• 9	. 6	.1			,					2.9	4.
SSE	3.3	1.2	.7	.1							_	5.2	3.
3	5.1	2.7	.7	• 1	•0			T				8.6	3.
SSW	2.5	1.6	.5	.0								4.6	3.
SW	1.8	1.5	.7	• 2	_		i					4.1	4,
wsw	2.5	2.7	1.7	• 2	• 0							7.2	5.
w	2.8	4.3	4.1	. 6	•0							12.1	6.
WWW	1.5	3.0	2.1	• 5	•0							7.0	6.
NW	2.4	1.9	1.1	• 1								4.4	4.
NNW	1.7	1.6	.7	• 1								4.1	4.
VARBL													
CALM	> <	>	> <	> <	\times	> <	> <	>>	\sim	> <	> <	23.3	
	30.7	27.1	15.7	3.2	• 1							130.0	

TOTAL NUMBER OF OBSERVATIONS

7200

JSAFETAC JAL 44 0-8 S (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC Al? BEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	JUL
		ALL WEATHER	0000-0200 HOURE (L.E.T.)
	 	CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.0	• 1	•1					İ				1.2	2.9
NNE	.4	• 3	• 1									• 9	3.6
NE		• 5			i							• 5	5.0
ENE	-4	•1				I						• 5	2.2
ŧ	• 5											• 5	2.2
ESE	1.1	. 4		1								1.5	2.6
SE	3.5	1.3	.1									4.9	3.0
35E	13.8	2.8	•1	• 1								13.8	2.8
\$	11.2	2.8	.1									14.1	2.6
SSW	2.4	1.2										3.5	3.0
SW	1.3	1.4	.4				_					3.1	4.2
WSW	1.0	1.7	• 5	•2								3.4	5.1
w	1.6	1.8	- 6	• 3							i	4.4	5.0
WNW	-4	. 4	.1								<u> </u>	1.0	4.0
NW	•6	• 2										.9	2.4
NNW	.4	•2							1			- 5	2.3
VARBL			1	1								1	
CALM	$\supset <$	> <	$\supset \subset$	$\supset \subset$	$\supset <$	$\supset <$	$>\!\!<$	$\supset <$	> <	><	><	45.1	
	36.7	15.4	2.3	.6								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 9 7 (1)

ISAFETAC AL 64 D-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLGBAL CLIMATOLOGY BRANCH USAFETAC AIR BEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7: 2650	EIELSON AFB AK	73-82	<u></u>
MONTATO	STATION HAME	TEACO	NTROS
		ALL WEATHER	0300-0500
		GLASS.	HOURS (L.S.T.)
		CORDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	- 6	• 6										1.3	3.9
NNE	- 6	• 3	• 2									1.2	4.2
NE	•2		• 1									• 3	4 • C
ENE	. 3											- 3	2.0
ŧ	. 4							_				.4	1.8
ESE	1.3	. 4										1.7	2.6
SE	2.6	• 5										3.1	2.5
SSE	11.4	2.6										14.3	2.6
S	9.1	3.7	•1			<u></u>						12.9	2.7
SSW	1.8	. 9										2.7	3.0
SW	1.5	1.3	•2						T			3.0	3.8
WSW	1.8	1.8	1.1	• 2								4.9	4.9
w	-8	. 8	. 1									1.6	4.0
WNW	•1	•1	• 1									•3	5.3
NW	.8	• 1										.9	2.4
NNW	•6	• 1										-8	2.3
VARBL													
CALM	$\supset <$	\times	\times	\times	> <	$\supset <$	> <	\times	$\supset \subset$	\times	> <	50.5	
	34.1	13.2	1.9	• 2								100.0	1.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 / 2650	EIELSON AFB AK	73-82	YEARS	JUL
		ALL WEATHER		0600-0800 ********************************
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	2.4	1.9	•2									3.5	3.0
NNE	1.0	• 3										1.3	2.8
NE	• 8	• 2	•2	• 1								1.3	4.7
ENE		• 5										- 5	5.0
£	• 3											. 3	2.0
ESE	• 3	. 4	• 3					1				1.1	4.5
38	1.2	• 6	-1	.1								2.0	3.9
SSE	3.7	1.7	.4									5.8	3.2
S	6.3	2.7	-8									9.8	3.3
SSW	9.1	2.2	•2			1						6.5	3.1
sw	2.6	1.6	• 3	.1								4.6	3.6
WSW	3.9	3.4	1.1	•2								8.6	4.2
w	3.2	3.3	1.5									8.1	4.2
WNW	1.0	. 9	•2									2.0	4.1
NW	1.5	•2				1						1.7	2.3
NNW	1.4	•3				1						1.7	2.6
VARBL	<u> </u>							<u> </u>			1		
CALM	> <	> <			$\supset \subset$	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$		41.1	
	33.5	19.5	5.4	• 5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR "EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON	AFB AK		73-82				
STATION		STATION ILL	AUE		YEARS	MONTH		
			ALL WEAT	THER		0900-1100		
			CLA96			HOURS (L.S.Y.)		
			COMBITM	M				

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	4) - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.2	1.6	• 1									5.9	3.0
NNE	1.6	. 9	• 3									2.8	3.5
NE	•9	•	•5									1.8	4.6
ENE	1.1	• 1	• 2									1.4	3.2
E	. 4	. 9	- 8									2.0	5.3
ESE	1.0	1.0	• 2									2.2	3,9
SE	1.0	• 3	• 5									1.8	4 . 5
SSE	1.7	1.1	1.0					Ī		i		3.8	9.3
\$	2.6	2.2	• 9									5.6	4.1
SSW	3.0	2.6	• 6									6.2	3.8
SW	2.2	2.7	• 4									5.3	4.1
wsw	4.5	4.6	2.9	• 2								12.3	4.8
w	4.6	7.4	3.8	. 8								16.6	5.3
WNW	3.4	2.2	1.3	• 1								7.0	4.1
NW	1.3	•9	. 4									2.6	3.9
NNW	3.3	2.0	• 3									5.7	3.3
VARBL													
CALM	>>	\times	\times	\times	><	$\supset <$	$\supset <$	$\supset <$	$\supset \subset$	><	><	17.1	
	36.8	30.8	14.3	1.1								100.0	3.6

930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

71 2650	EIELSON AFB	AK		73-82			JUL
STATION		STATION NAME			YEARS	· · · · · · · · · · · · · · · · · · ·	800711
			ALL	WEATHER			1230-1400
		***		ELABO			HOURS (L.S.T.)
				COMPLYION			
							

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.7	2.4	1.4	•1								7.5	4.
NNE	1.6	2.4	. 9	•2			I					5.1	4.
NE	• 5	• 6	• 3	• 2	.1							1.8	6.
ENE	.8	•6		.1								1.5	4.
E	.6	1.3	•3						·			2.3	4.
ESE	. 8	. 6	- 5				1		†			1.9	4.
SE	. 4	1.1	. 4	.1			1	<u> </u>				2.0	5.
SSE	.9	1.0	. 9	•2								2.9	5.
8	1.4	1.7	• 5									3.7	4.
ssw	1.7	1.9	.5	•2				t	t	t		4.4	4.
SW	2.0	2.8	1.0	•1						<u> </u>		5.9	4.
WSW	2.7	3.5	2.9	. 4				 				9.6	5.
w	3.0	7.2	6.D	1.4								17.6	6.
WNW	3.3	4.0	3.0	.4	·				<u> </u>	-		10.8	5.
NW	1.5	3.1	1.4	• 3			<u> </u>					6.3	5.
NNW	2.8	2.7	•3						·	<u> </u>		5.8	3.
VARBL	† — —	 					T	<u> </u>	†			1 -	
CALM		> <	\sim	\times	\sim	> <	\times	> <	> <	\sim	>>	10.9	
	27.7	37.0	20.4	3.9	.1				<u></u>			100.0	٩.

TOTAL NUMBER OF OSSERVATIONS 930

USAFETAC PORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5LOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	JUL
STATION	STATION NAME	YEARS	#QR7#
		ALL WEATHER	1500-1700 nouns (L.S.T.)
	 	CLASE	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 • 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 · 55	≥56	*	MEAN WIND SPEED
N	2.7	2.8	1.9	•2								7.6	4.9
NNE	2.0	2.5	1.5	• 5								6.7	5.4
NE	•9	1.5	• 3								ĺ	2.7	4.8
ENE	1.0	. 8	1.1	•2								3.0	5.7
£	1.1	. 8	• 5	•1								2.5	4.6
ESE	• 3	. 9	• 3	• 1							i	1.6	5.5
SE	.4	1.2	. 5	.4								2.6	6.4
SSE	• 5	1.2	.9	•2					,			2.8	5.8
\$	•6	2.4	• 6	•1	.1							3.9	5.6
SSW	1.4	2.4	. 9			1		1				4.6	4.8
SW	•8	1.0	1.1	•2				1	1			3.0	6.2
WSW	2.4	3.3	1.7	. 8				1				8.2	5.6
w	4.2	5.6	4.5	1.2								15.5	5.9
WNW	2.6	5.3	4.8	.1		•						12.8	5.7
NW	1.6	1.9	1.5	•2							·	5.3	5.3
NNW	2.5	3.4	1.6	• 3				1		1		7.8	5.1
VARSL			<u> </u>	1								1	
CALM	$\supset <$	\times	\times	$\supset <$	$\supset <$	$\supset \subset$	\supset	\supset	>>		> <	9.5	
	24.9	36.9	23.9	4.7	• 1							100.0	5.0

OTAL NUMBER OF OBSERVATIONS

USAFETAC $^{\text{PORM}}_{\text{AR. 64}}$ 0-8-5 (QL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7.2650	EIELSON AFB AK	73-82		JUL
STATION	STATION NAME		YEARS	
		ALL WEATHER		1800-2000
		CLASG		MOVAS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	2.7	1.3	•2								6.2	9.5
NNE	1.7	2.4	1.3	• 2								5.6	5 . 3
NE	1.4	1.2	. 8									3.3	4.0
ENE	•5	1.0	- 5		• 1							2.2	5.6
E	1.3	• 6	•2									2.2	3.9
ESE	1.0	• 5	- 4									1.9	4.2
SE	• 3	• 6	.6									1.6	5.4
SSE	-8	1.3	. 9			i						2.9	5.0
S	2.7	Z.7	• 3									5.7	3.0
\$\$W	2.2	1.5	• 3									4.0	3.
SW	2.3	1.5	• 6	• 1								4.5	4.
wsw	3.2	3.3	1.5	• 1								8.3	
w	4.5	5.7	2.6	. 4							1	13.2	4.
WNW	2.9	2.9	1.8	• 2								7.8	4.
NW	3.D	3.2	• 6	.1								7.0	4.
NNW	2.6	2.0	•2	• 1								4.9	3.
VARSL													
CALM		><	$\geq <$	$\supset <$	> <	><	$\geq \leq$	\times	><	><	><	18.6	
	32.4	33.2	14.2	1.5	• 1							100.0	3.

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7: 2650	EIELSON AFB AK	73-82		JUL
STATION	STATION MANE		YEARS	MONTH
		ALL WEATHER		2100-2300 HOUSE (LET.)
		CLASS		NOVES (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.5	• 6										2.2	2.9
NNE	2.4	1.7	• 2			I	T .	T	I			4.3	3.6
NE	1.6	• 3	• 2									2.2	2.9
ENE	1.0	•2										1.2	2.5
E	•5	. 4										1.0	3.3
ESE	1.5	•5		.1								2.2	3.2
SE	1.4	1.2		•1								2.7	3.6
SSE	4.6	2.7	. 4									7.7	3.5
5	6.6	2.5	• 3									9.4	3.2
SSW	2.4	1.9										4.3	3.1
SW	1.9	1.6	. 4									4.0	3.8
WSW	2.8	2.4	1.3									6.5	4.5
w	2.6	2.3	1.1	•6								6.6	5.D
WNW	1.3	• 9	. 3	•1								2.6	3.9
NW	•8	. 4	•2						1	1		1.4	3.7
NNW	.8	• 3										1.1	2.9
VARSL													
CALM	\times	\times	\mathbb{X}	>>	> <	><	> <	$\geq \leq$	\boxtimes	$\supset <$	> <	41.0	
	33.5	20.0	4.5	1.0								130.0	2.2

TOTAL NUMBER OF OSSERVATIONS

930

USAFETAC TORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	JUL						
STATION	Juan Molale	TRANS	20475						
	ALL WEATHER								
		CLASS	HOUSE (L.S.T.)						
		CONDITION							

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	4A · 55	≥56	*	MEAN WIND SPEED
N	2.3	1.5	.6	•1								4.4	4 • D
NNE	1.4	1.4	.6	.1								3.5	4.6
NE	.8	•6	•3	•0	•0							1.7	4.6
ENE	•6	• 4	•2	•0	•0							1.3	4.5
ŧ	•7	• 5	•2	• 0								1.4	4.2
ESE	9	•6	• 2	•0								1.6	3.9
ŞE	1.4	• 9	• 3	•1								2.6	4.1
SSE	4.5	1.8	.6	• 1								6.7	3.4
\$	5.1	2.6	• 5	•0	•0							8.1	3.3
SSW	2.4	1.8	.3	•0								4.5	3.7
SW	1.8	1.7	.6	•1								4.2	4.2
wsw	2.8	3.0	1.6	•3								7.7	4.9
w	3.1	4.3	2.5	.6								10.4	5.5
WNW	1.9	2.1	1.5	• 3								5.5	5.0
NW	1.4	1.3	•5	•1			T					3.3	4.4
NWW	1.8	1.4	•3	-1								3.6	3.9
VARBL	T	1]				
CALM	$\supset \subset$	$\supset <$	$\supset <$	$>\!\!<$	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	$\supset \!\!\!\! <$		$\supset <$	29.2	
	32.5	25.7	10.9	1.7	•0]				100-0	3.1

TOTAL NUMBER OF OBSERVATIONS 749 D

USAFETAC BAA 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7: 2550	EIELSON AFB AK	73-82		AUS
STATION	STATION NAME		TEARS	MONTH
		ALL NEATHER		3033-3238
	• • • • • • • • • • • • • • • • • • • •	CLASS		HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.6	1.1	• 1									2.8	3.3
NNE	.9	• 2										1.1	2.6
NE	.4	• 5										1.0	3.3
ENE	• 3	• 1										.4	2.3
	.9											. 9	1.8
ESE	-6	• 1										-8	2.6
SE	3.8	1.1										4.8	2.6
SSE	9.4	1.6	• 1									11.1	2.5
5	8.9	1.3	• 1									10.3	2.4
SSW	2.2	1.1										3.2	3.0
SW	2.3	1.2	. 1									3.5	3.1
WSW	1.5	1.6	1.3									4.5	4.7
w	1.9	1.3	• 8	• 1								3.5	4.6
WNW	.6	. 4										1.1	3.4
NW	1.0	• 3										1.3	2.4
NNW	1.2	. 6										1.8	3.0
VARBL													
CALM		\times	$\supset <$	\times	$\supset <$	$\supset <$	> <	$\supset <$	$\supset <$	><	> <	47.8	
	37.0	12.6	2.5	. 1								170.0	1.6

OTAL MIMBER OF OSCIPILATIONS

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR MEATHER SERVICE/MAC

702650 ETELSON AFB AK

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-82

					•	LASS						mout	
	-				con	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	1.6	• 5										2.2	
NNE	. 4	-1								1		• 5	
NE	•1	•1										• 2	
ENE	• 3	• 1			1							. 4	
E	1.1	•1										1.2	
ESE	1.3	• 2								<u> </u>		1.5	
SE	2.4	. 4	• 1									2.9	
SSE	7.6	1.5	• 3									9.5	
\$	7.0	2.2	- 1									9.3	
ssw	2.2	1.2	• 1									3.4	
SW	1.8	1.0										2.8	
wsw	2.0	1.4	- 8	I								4.2	
w	1.0	• 5	1.7		L							3.2	
WNW	•3	• 3										.6	
NW	• 5			• 1								- 6	
NNW	• 9	• 5										1.4	
VARBL													
CALM		><	> <		$\supset \subset$	><	> <	> <	><		> <	56.0	
	30.6	10.2	3.1	• 1								120.3	=

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OSSERVATIONS

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIP FEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7. 2650						73-82								AUS						
STATION			STATE	ON NAME									 YEARS			HOMTH				
		-				A	LL WE	ATH	ER				 				060	0 - 0 6 D D		
		-					cor	NDITION					 							
		-											 	_						
ſ	SPEED	, ,		7 10		T		22										MEAN		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.6	. 4										3.2	2.4
NNE	. 8	• 8	• 1]						1.6	3.5
NE	• 3	• 5										.9	3.8
ENE	• 2											•2	2.0
E	• 2	• 3										-5	4.2
ESE	• 5	• 3	•1						1			1.1	3.9
SE	• 3	• 6	• 1									1.1	4.7
SSE	4.2	1.8	. 1									6.1	3.2
S	5.2	2.5	. 4				· · · · · ·		1			8.1	3.1
SSW	3.3	1.0	•1					1				4.4	2.8
sw	2.2	• 9	•2									3.2	3,4
WSW	2.7	2.2	.6	• 1								5.6	4.2
w	2.7	3.0	1.4		• 1							7.2	4.7
WNW	.9	• 3	.4	• 1		l						1.7	4,4
NW	•5	• 4		•1				1				1.1	3.9
NNW	1.3	• 3										1.5	2.7
VARBL												1	
CALM	\searrow	\times	\times	\times	>	\times	> <	\sim	$\supset \subset$	\times	><	F2.6	
	28.0	15.4	3.7	• 3	.1							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

712650	EIELSON AFB AK	73-82	AUC
STATION	STATION HAVE	YEARS	20471
		ALL WEATHER	0900-1100
	<u> </u>	CLASS	HOURS (L.S.Y.)
			_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.0	1.2	•2									4.4	3.0
NNE	1.2	.6	• 5									2.4	4.3
NE	. 4		8.									1.2	6.2
ENE	•5	• 2										.8	2.9
E	1.0	. 8	• 3			<u> </u>						2.3	3.9
ESE	•3	• 5	.8	• 2			1					1.8	6.6
SE	• 5	1.1	1.1	•2								2.9	6.
SSE	1.9	1.3	.9	•1	t							4.2	4.1
5	4.0	1.3	• 3	•1								5.7	3.
\$5W	2.5	2.0	• 2									4.8	3.6
SW	2.5	1.9	• 5		·							4.9	3.
wsw	2.4	4.1	1.8	•1	T							8.4	4.
w	2.5	5 . 3	1.9	• 5				ļ				10.2	5.
WNW	2.5	2.2	1.3	•2								6.1	4.1
NW	1.7	1.5	•2		<u> </u>	 						3.4	3.
NNW	2.6	1.3	 				 		 			3.9	2.9
VARBL	 			 	·	 						1	
CALM	><	> <		><				>>	> <	\sim	> <	32.8	
7.5	29.6	25.3	10.9	1.5								100.0	2.

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (QL &) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	AUG
STATION	STATION HAME	YEAR	BORTS
		ALL WEATHER	1230-1400
		CLAM	MOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.7	1.4	• 3									4.4	3.7
NNE	2 • 2	1.9	1.1	• 1								5,3	4.5
NE	1.2	• 3	• 6	• 1								2.3	4.5
ENE	.9	• 4		• 1								1.4	3.9
E	1.0	1.1	1.0									3.0	5.1
ESE	•5	1.2	1.6	• 1					l			3.4	6.4
SE	1.0	• 2	1.0									2.2	5.1
SSE	•6	1.6	1.3	• 2						L		3.8	6.2
5	1.4	1.9	1.1									4.4	4.9
ssw	1.2	1.2	• 2									2.6	3.6
SW	1.7	1.2	. 8	• 1	_							3.8	4.2
wsw	3.1	3.9	2.0	• 3	• 1							9.5	5.3
w	3.9	5 • 6	4.4	. 8		•1				L		14.7	5.8
WNW	3.7	4.7	1.7					L				10.1	4.4
NW	3.2	2.3	• 8									6.2	4.0
NNW	3.0	2.4	• 9									6.2	4.0
VARBL													
CALM		$>\!\!<$	\times	\times	><	><	$\geq <$	$\geq \leq$	> <	$\geq \leq$	$\geq \leq$	16.8	
	31.2	31.3	18.7	1.8	• 1	•1						100.0	. 4 . (

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7~2550	EIELSON AFB AK	73-82		AUG
STATION	STATION NAME		TEARS	MONTH.
		ALL WEATHER		1500-1700
		CLASS		HOURS (L.S.T.)
		COMPLYION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.0	1.9	.9									4.8	4.4
NNE	1.7	2.0	. 9	• 2			-					4.8	5.0
NE	1.7	• 9	1.1	• 3								4.3	5.3
ENE	•5	• 3	•2	•2								1.3	5.9
E	- 8	1.1	.6	• 1]		2.6	5.5
ESE	. 4	• 6	1.0	• 1								5.5	5.9
SE	•6	1.1	1.5	• 3								3.5	6.5
SSE	1.2	1.9	1.0	•2								4.3	5.3
\$	1.3	1.9	.9	• 1								4.2	4.9
SSW	1.7	1.1	•2									3.0	3.6
sw	1.3	• 8	. 4									2.5	3.8
WSW	3.2	4.7	1.9	• 3								10-2	5.0
w	5.2	6.9	3.5	• 5							i	16.1	5.1
WNW	4.1	3.9	2.3	• 1								10.3	4.5
NW	2.7	3.5	. 8	•2								7.2	4.3
NNW	2.0	2.0	. 9									4.9	4.2
VARBL									 				
CALM	><	\mathbb{X}		> <	> <		$\supset <$	><	$\supset \subset$	$\supset <$	><	14.3	
	30.5	34.7	18.0	2.8								100.0	4.2

OTAL NUMBER OF OBSERVATIONS

JSAFETAC JUL 44 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GL(PAL CLIMATOLOGY BRANCH USAFETAC AIR **EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702510	ETELSON AFB AK	73-82	A u 5
STATION	STATION NAME	YEARS	BONTO
		ALL WEATHER	1800-2000
		CLASS	NOVES (L.S.T.)
	 	CARLEIAN .	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.7	1.3	• 2									3.2	3.1
NNE	2.3	1.6	• 6	• 1								4.6	4.
NE	2.4	• 9	• 8	• 1								4.1	4.
ENE	1.4	• 3	• 1									1.8	2.9
ŧ	2.0	. 9	• 3									3.2	3.
ESE	•8	1.2	• 2									2.2	4.
SE	1.6	• 8	• 5									2.9	4.
SSE	2.4	1.4	. 4						Ţ			4 . 2	3.
\$	3.8	1.7	• 1									5.6	3.
5\$W	2.3	• 4	•1									2.6	2.
SW	1.6	• 6	• 2									2.5	3.
WSW	3.1	3.0	1.1	1					[7.2	4.
w	5.6	3.7	1.5	• 1				Ţ				10.9	4.
WNW	3.8	1.8	. 4									6.0	3.
NW	1.7	1.0	• 3									3.0	3.
NNW	1.1	1.1	• 2									2.4	4.
VARBL													
CALM	$\supset \subset$	\times	> <	$\supset \subset$	$\supset <$	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	$\supset \subset$	> <	33.7	
	37.2	21.6	7.2	. 3								100.0	2.

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR BEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	Au5
STATION	BEAR MOITATE	YEAR	1 80471
		ALL WEATHER	2100-2300
		CLASS	HOVES (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.3	1.1	• 1						_			2.5	3.3
NNE	1.3	• 9		<u> </u>								2.2	3.3
NE	• 5	. 4	• 1									1.1	3.4
ENE	1.3	• 2							1		l"	1.5	2.3
ŧ	1.4		•1									1.5	2.5
ESE	1.3	• 2										1.5	2.4
SE	2.8	1.1	•1									. 4. □	2.9
SSE	8.4	1.9	•2									10.5	2.7
5	8.5	2.3										10.5	2.5
SSW	1.7	1.0	•1									2.8	3.0
SW	1.8	• 5	• 3									2.7	3.3
wsw	1.7	2.2	• 6			Ī						4.5	4.2
w	1.3	1.4	1.2									3.9	4.9
WNW	•6	• 5	• 2									1.4	4.3
NW	. 4	• 3										- 6	2.7
NNW	1.0	• 5										1.5	2.8
VARBL													
CALM	$\geq <$	$\supset <$	><	$\supset \subset$	$\supset <$	$\supset <$	$\supset <$	$\geq <$	$\supset <$	$\supset <$	$\geq \leq$	47.2	
	35.4	14.3	3.1									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650 STATION	EIEL	SON AFB	A K STATION	HAME				82	 ;	ZARD	, -,			US.
		_				ALL WE	ATHER							L L F (6.6.7.)
						COH	DITION							
		_												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥56	%	MEAN WIND SPEED
Γ	N	2.1	1.1	• 2									3.4	3.4
Ī	NNE	1.3	1.0	. 4	•1								2.8	4.2
[NE	.9	• 5	. 4	•1								1.8	4.6
ſ	ENE	•7	• 2	• D	•0								1.0	3.4
[E	1.0	. 5	. 3	•0								1.9	3.9
[ESE	• 7	• 6	• 5	• 1								1.8	4.8
[SE	1.6	. 8	•6	• 1								3.0	4.2
[SSE	4.5	1.6	• 5	• 1								6.7	3.4
[5	5.0	1.9	. 4	•0								7.3	3.1
[ssw	2.1	1.1	• 1									3.4	3.2
[SW	1.9	1.0	• 3	• 0								3.2	3.5
[wsw	2.5	2.9	1.3	• 1	• 0							6.8	4.7
[w	2.9	3.5	2.1	• 3	• 5	•0						8.7	5.1
[WNW	2.1	1.8	, 8	-1								4.7	4.2
[NW	1.5	1.2	• 3	• 1								3.0	3.8
[NNW	1.6	1.1	• 2									3.0	3.6
[VARBL													
[CALM	$\geq \leq$	\times	><	$\geq \leq$	$\geq \leq$	><	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$>\!\!<$	37.6	

TOTAL NUMBER OF OBSERVATIONS 7439

32.4 20.7

GLCMAL CLIMATOLOGY BRANCH USAFETAC A15 REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	SEP
STATION	STATION NAME	YEARS	WONTH
		ALL WEATHER	0000-0200
		CLASS	100485 (L.S.T.)
	 	CORDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.7	1.1	• 3									4.1	3.4
NNE	1.9	2.9	.6									5 - 3	4.4
NE	•6	1.0	.1									1.7	4.3
ENE	. 4	• 6			i			1				1.3	3.2
E	.7	• 2	•1									1.0	3.6
ESE	1.0	. 9	• 3	1					1			2.2	4.4
SE	2.3	• 5	.7	•1				· · · · · · · · · · · · · · · · · · ·	<u> </u>			3.9	4.0
SSE	5.2	1.4	-1	•2				}	1		 	7.0	2.9
\$	6.3	1.0	• 7	1	1					1		7.5	2.7
SSW	2.4	• 6										3.0	2.6
SW	•8	• 8			1	1			•			1.5	3.4
WSW	1.4	1.1	•1									2.7	3.5
w	1.1	1.4	1.1	1								3.7	5 • C
WNW	• 2	• 1	•1									.4	3.8
NW	.6	.1			ì							.7	2.0
NNW	1.7	.9	•1	1								2.7	3.2
VARBL	1	1						1			<u> </u>		
CALM	$\supset <$	\sim	> <	$\supset \subset$	$\overline{}$	$\supset \subset$	> <	$\supset <$	$\supset <$	$\supset \subset$	> <	51.6	
	29.3	14.9	3.9	• 3								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

EIELS	SON AFB	AK				73-	82					S	E P
		STATIO	N NAME						YEARS				10471
	_				ALL WE								-0500
	_					LASS						HOU 9:	l (L.S.Y.)
	_				COI	DITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.7	2.0	• 2									3.9	3.9
NNE	1.7	2.2	.7									4.6	4 , 4
NE	•2	. 4										. 7	4 . 2
ENE	• 3	. 4										.8	3.6
E	-8	. 4										1.2	3.0
ESE	1.3	• 3	•2									1.9	3.
SE	1.3	. 8	• 3									2.4	3.
SSE	3.4	1.4	• 2	• 3								5.4	3.
5	6.9	1.9					I					8.8	2.6
SSW	1.4	• 1						Ī				1.6	2.
SW	1.1	• 6	• 1				I					1.8	3.7
wsw	1.7	1.2	• 3									3.2	3.9
w	• 3	1.1	.6	• 2								2.2	6.5
WNW	.7		• 2			i		L				. 9	3.5
NW	. 9	• 2										1.1	2.8
NNW	.9	. 8										1.7	3.3
VARBL													
CALM	$\geq <$	\boxtimes	\geq	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	\boxtimes	$>\!\!<$	$\geq \leq$	$\geq \leq$	57.9	
	24.7							T	Γ	1			

TOTAL NUMBER OF OBSERVATIONS 900

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	LISON AFE					73-	82					<u> </u>	EP_
		STATIO	M MARE						PEARS				104711
	-				ALL WE								-D8DD
					•	LASS						404	• (L.B.T.)
	-				con	DITION							
	_									_			
SPEED (KNTS) DIR.		4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.6	• 7	•2									2.7	3.2
NNE	-8	2.1	.7									3.6	4.9
NE	. 4	. 4	• 1									1.3	3.7
ENE	• 3	• 2		• 1								.7	4 . 8
E	• 8	• 3	• 1									1.2	3.2
ESE	- 5	• 6	.7									2.0	5.0
SE	1.6	• 3	. 4	• 1								2.4	4.2
SSE	3.3	1.2	.7	• 1	1							5,4	3.9
S	4.9	1.1	• 3	•1								6.4	3.0
55W	2.1	• 7	• 2									3.0	2.9
sw	1.7	- 8	• 2									2.7	3.2
WSW		1.2	• 3	•1								2.2	5.0
w	.8	1.4	.6	• 3								3.1	5.7
WNW	#	.6	.1									1.0	4.1
NW	.6	• 4										1.0	3 • 2
NHW	2.3	.7	.1									3.1	3.1
VARBL													
CALM	1/ \	$\supset <$	> <	$\geq <$	$\geq <$		$\supset \subset$	$\supset <$	><	$\supset <$	\times	58.4	
				·									

USAFETAC FORM 0-8-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

900

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82		SEP
STATION	STATION NAME		TEAGS	60478
		ALL WEATHER		8900-1100
		CLASE		HOURS (L.S.T.)
		COR91719M		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	4.1	1.9	• 3									6.3	3.1
NNE	2.3	1.2	1.1	• 1								4.8	4.2
NE	• 2	• 6	1.3	•1						}		2.2	7.3
ENE	. 4	. 4	.7	• 1				\Box				1.7	6 • D
	.8	. 9	. 9	.6	 							3.1	6.6
ESE	•6	1.2	1.4	•2								3.4	6.7
SE	-6	. 8	1.7	.7								3.7	7.7
SSE	1.3	. 8	1.1	• 3	.2							3.8	6.5
\$	3.3	1.4	• 9									5.7	3.9
SSW	2.3	.9	. 4				•					3.7	3.4
SW	1.7	1.3		• 1					Ì			3.1	3.8
WSW	1.9	1.9	. 9	• 1								4.8	4.5
w	2.2	2.7	1.3	.1				1			i	6.3	4.7
WNW	. 8	1.0	. 4									2.2	4.4
NW	1.1	• 3										1.4	2.4
NNW	1.9	.9	• 2		<u> </u>							3.0	3.1
VARBL				Ì					1				
CALM	\boxtimes	> <	> <	> <		$\supset \subset$	$\supset <$	$\supset <$	$\supset <$	><		40.8	
·	25.6	18.2	12.8	2.4	.2							130.0	2.8

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR KEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7. 2650	EIEL	SON AFB					73-	82						E P
STAYION		~	\$7AT10	BEAN P		ALL WE	ATHER			TEA IIS			1200	-1408 (LET.)
		-				CO#	DITION							
	SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	•	MEAN WIND SPEED
}	N	3.1	2.0	•2									5.3	3.0
	NNE	1.8	1.0	1.2	. 4					t			4.4	5.5
Ì	NE	.9	•6	1.8	.7								3.9	7.2
1	ENE	1.0	• 8	. 9	•2								2.9	5.7
,	E	1.0	2.1	2.2	. 9								6.2	6.8
1	ESE	-4	1.7	1.6	• 3	•1							4-1	7.2
Ì	SE	1.1	1.4	2.6	.9	•1							6.1	7.4
ļ	SSE	1.7	2.1	1.0	.6						1		5.3	5.6
- [5	-9	1.3	.4	1								2.7	4 . 8
	SSW	1.0	1.2	• 3	•1	.1							2.8	5.1
- {	SW	1.0	. 9	• 1		• 2				Ī			2.1	4 • 3
Ĩ	WSW	2.8	1.7	.7	•1	•1							5.3	4 . 4
į	w	3.2	4.4	2.3	•3								10.3	5 • 1
	WNW	1.9	1.7	1.0									4.6	4.4
(NW	1.7	1.3	. 4									3.4	4.0
- {	NNW	4.2	2.2	•1									6.6	3.1
i	VARBL													
[CALM			$\supset <$			$\geq <$	$\geq \leq$	$\geq <$	><	$\triangleright <$	><	23.9	
1	_	27.7	26.4	16.9	4.6	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

900

15

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

70 2650 STATION	EIELSON AFB AK	73-82	YEARS	SEP WONTH
		ALL WEATHER		150C-1700 HOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	3.3	2.8	. 4									6.6	3.9
NNE	1.0	2.6	1.1	• 3								5.0	5.5
NE	-8	• 8	1.9	. 9								4.3	7.7
ENE	.9	• 6	1.0	. 4								2.9	7.0
E	1.3	1.2	1.2									3.8	5.0
ESE	.9	1.4	2.3	.7								5.3	6.9
SE	1.2	1.3	2.6	1.4		.1			1			6.7	8.1
SSE	1.0	1.3	1.4	. 4					 			4.2	6.4
\$	1.6	1.1										2.7	3.5
SSW	1.1	• 6	.2		• 1			<u> </u>				2.0	4.6
SW	.9	• 9										1.9	3.6
wsw	2.4	1.8	1.1									5.3	4.2
w	3.4	3.8	2.2	.1			·					9.6	4.7
WNW	1.9	2.1	1.1	<u> </u>					1			5.1	4.7
NW	3.7	1.4	. 4	.1								5.7	3.6
NNW	3.3	1.7	.7				<u> </u>	 				5.7	3.5
VARBL												1 -33	
CALM	$\supset <$	$>\!<$	> <	$\supset <$	$\supset <$	\sim	$\supset <$	$\supset \subset$	> <	$\overline{}$	>	23.4	
	28.8	25.3	17.8	4.4	• 1	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC RE 64 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7:2650	EIELSON AFB AK	73-82	SEP
STATION	STATION NAME	YSARS	MANAM
		ALL WEATHER	1830-2350
		CLASS	HOURS (L.S.T.)
		•	
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	2.7	1.2	• 3	-								4.2	3.6
NNE	2.0	2.6	1.0									5.6	4.4
NE	2.0	• 7	1.3	.6								4.6	5.7
ENE	.8	1.1	• 3	• 2					1			2.4	5 . 1
E	.9	1.1	•2									2.2	4.1
ESE	8.	1.1	1.2	• 1			1					3.2	6.0
SE	1.8	1.2	1.9	• 5	.1			1				5.6	6.6
SSE	2.3	1.0	•2	•1		 	1	1	1			3.7	3.6
5	2.7	•7	 	 		 		 	 	†		3.3	2.
SSW	1.2	• 2	•1			 	† 		 			1.6	2.9
sw	1.2	.7	.1			 		1	 	1		2.0	3.0
wsw	2.2	1.6	.7						<u> </u>			4.4	4.1
w	3.3	2.1	.8	-1		†		 				6.3	4 - 1
WNW	1.2	• 8	•1		<u> </u>		t	† 	 	 		2.1	3.9
NW	1.4	- 4	 	 		 	 	<u> </u>	 	<u> </u>		1.9	2.6
NNW	2.1	-8				}	 	 	†			2.9	2.9
VARBL	t			 	ļ	 		1	 			1	
CALM		> <	\sim	> <	\sim	> <	$\supset <$	> <	> <	><	> <	44.3	
	28.7	17.2	8.3	1.7	•1							100.3	2.1

TOTAL NUMBER OF OSSERVATIONS 900

USAFETAC NUL 64 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLORAL CLIMATCLOGY BRANCH USAFETAC A1# "EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 255C	EIEL	SON AFB	A K STATIO	I NAME				82	,	TEARS	 _			E D
		_				ALL WE	ATHER						2100 HOUR	-2300 (0.67)
		_				COR	MOITION							
[SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
ſ	N	1.8	1.2	•2							1	i	3.2	3.6
Ī	NNE	2.3	3.1	• 6	• 1								6.1	4.3
	NE	1.3	1.1	• 9	• 1								3.1	5 • C
[ENE	-1	1.1	. 4		i						i i	1.7	5 . 3
İ	£	. 8	1.3	• 1							i		2.2	4.1
[ESE	1.0	. 3	1.1								1	2.4	5.4
	SE	2.1	.4	. 4	• 1	• 1							3.2	4.2
ſ	SSE	5.1	1.3	• 6	• 3	• 1							7,4	4.C
[\$	5.9	1.8	• 1							Ī		7.8	2 . 8
	SSW	1.3	• 3										1.7	2.6
[sw	1.3	. 6	• 2									2.1	3.3
ĺ	wsw	1.4	.7	. 4									2 • 6	4.1
[w	1.7	1.9	• 9	• 1								4.6	4.5
[WNW	• 3	• 3	•2									. 9	4.8
[NW	.7	. 4	• 1				l					1.2	3.4
	NNW	1.9	1.2										3.1	2.9
[VARBL													
	CALM	$\geq \leq$	\times	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	\times	$\geq \leq$	> <	$\geq \leq$	46.7	
		1												

TOTAL NUMBER OF OSSERVATIONS

900

JSAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ASP REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7026 5 0	EIELSON AFB AK	73-82	SEP
STATION	STATION NAME	TRARS	BONTE
		ALL WEATHER	ALL
		CLASS .	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	1.6	• 3									4.5	3.5
NNE	1.7	2.2	. 9	• 1								4.9	4.7
NE	. 8	.7	. 9	• 3								2.7	6 • 2
ENE	•5	• 7	. 4	• 1								1.7	5.5
E	. 9	1.0	• 6	• 2								2.6	5.3
ESE	• 5	• 9	1.1	• 2	• 0							3.1	6 • C
SE	1.5	• 9	1.3	• 5	• 0	•0		1				4.2	6 • 2
SSE	2.9	1.3	.7	• 3	• 1			1				5.3	4.4
5	4.1	1.3	• 2	• 0								5.6	3 • C
SSW	1.6	• 6	• 2	•0	•0							2.4	3.4
SW	1.2	• 5	• 1	• 0	• D							2.1	3.5
wsw	1.8	1.4	• 6	•0	•0							3.8	4.2
w	2.0	2.4	1.2	• 2								5.8	4 . 8
WNW	.9	.8	. 4									2.2	4.3
NW	1.3	• 6	•1	• 0								2.1	3.3
NNW	2.3	1.1	• 2									3.6	3.2
VARBL													
CALM	><		\times	\geq	$\geq <$	> <	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	> <	43.3	
	27.1	18.3	9.2	2.C	. 2	•0						100.0	2.5

TOTAL NUMBER OF DESERVATIONS 7200

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIP LEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2550	EIELSON AFB AK	73-82		
STATION	STATION HAUS		YEARS	MORTH
		ALL WEATHER		0000-0200
		CLASS		HOURS (L S.T.)
		COMDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	2.4	• 3									5.3	3.7
NNE	1.4	3.4	• 5	• 2								5.6	4.9
NE	• 5	• 5	• 3		ĺ							1.4	4.7
ENE	-4	• 3	• 2	• 1								1.1	5.3
E	•5	• 8	• 2									1.5	4.3
ESE	1.3	. 4	•2									1.9	3.3
SE	1.2	• 3	• 2	• 1								1.8	4 - 1
SSE	3.3	. 4	• 2	• 1	. 1							4.2	3 . 6
S	4.1	1.6										5.7	2.7
ssw	2.2	• 1	• 1									2.4	2.3
SW	1.5	. 4										1.9	2.8
wsw	1.0	1.4	• 2									2.6	9.00
w	1.3	1.3	• 5									3.1	4.0
WWW	•2	• 3						-				• 5	3.8
NW	•5	• 3										.9	3.0
NNW	1.9	• 8	• 1									2.8	3.2
VARBL													
CALM	$\supset \subset$	> <	> <	> <		$\supset <$			$\supset <$	$\supset <$	> <	57.3	
	24.0	14.9	3.2	•5	• 1							100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702550	EIELSON AFB AK	73~62	507
STATION	STATION NAME	TEAMS	BONTH
		ALL WEATHER	0300-0500
		CLASS	NOUBS (L.S.T.)
	*	COMBITION	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.7	2.9										5.6	3.5
NNE	1.0	2.3	1.0									4.2	4.9
NE	•2	• 6	. 8									1.6	6.1
ENE	• 5	• 3	.1									1.0	3.8
E	• 2	• 3	• 5									1-1	6.4
ESE	. 4	• 2	• 3	• 1								1.1	5.7
SE	2.5	• 3	• 2									3.0	2.7
SSE	2.3	. 4	. 4		• 3				L	ĺ		3.4	4.8
5	4.1	1.3	- 1						L			5.5	2.6
55W	1.6	• 1								i		1.7	2.1
sw	2.0	• 5										2.6	2.7
wsw	1.4	• 6	• 1			I						2.2	3.5
w	.9	1.4	• 3					i				2.6	4.5
WNW	. 4	. 1										• 5	2.4
NW	•6	. 4										1.1	3.2
NNW	1.4	1.0										2.4	3.0
VARBL													
CALM		><	><	$\triangleright <$	$\geq \leq$	><	$\triangleright <$	>><	$\geq \leq$	><	><	50.5	
	22.3	12.9	3.9	• 1	. 3							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u>E</u>	IELS	ON AFB					73-	82						CT
		_	STATIO			ALL WE	ATHER			YEARS			0600	-08 <u>0</u> 0
		_				•	LASS						uge A	B (L.B.T.)
		_				con	IDITION							
SPE (KN	ITS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
,	•	2.7	1.5	• 3									4.5	3.9
N	NE	1.3	2.5	1.1									4.5	4.6
Z	E	. 4	• 6	• 2									1.3	4,4
EP	4E	• 3	• 1				T					<u> </u>	.4	2.5
- 1		.4	• 3	• 2	<u> </u>								1.0	4.4
E:	SE	• 9	• 5	• 5								1	1.8	5.1
5	E	1.1	. 4	. 4	• 1								2.3	4.8
S	SE	2.5	• 8	•1	• 2	• 1	$\overline{}$				1		3.7	3.8
- :	3	3.2	1.5	• 1									4.8	2.9
SS	w	1.9	• 3	• 1	1								2.4	2.5
S	w	1.6	• 8	• 1									2.5	3.1
W	sw	2.3	• 6	• 3		<u> </u>	<u> </u>			1			3.0	3 • 2
٧	v	•6	1.0	• 6								1	2.3	4.8
W	w.	• 3	. 4										• 8	3.7
N	w	1.0	• 2	.1						1			1.3	2.8
414	w	1.5	. 9	• 1					1				2.5	3.5
VA	RBL				<u> </u>					1		Ī		
CA	LM	\searrow	$\overline{}$	> <	\sim		> <	> <		$\supset \subset$	><		61.3	
					<u> </u>		 >						***	

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	OCT
STATION	STATION MADE	YEARS	HTHON
		ALL WEATHER	3903-1100
		CLASS	MOVRE (L.S.T.)
		COMPLYION	-

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.4	2.0	•2									5.7	3.1
NNE	1.4	1.7	• 5									3.7	4.2
NE	.4	. 3	1.1									1.8	6.
ENE	• 3											- 3	1.
E	. 4	• 5	• 2			İ						1.2	4.
ESE	•5	1.0	. 8			† -	ļ		1			2.3	5.2
SE	. 8	1.4	. 9	• 5		†						3.6	6.
SSE	1.7	• 6	. 4			1		 	1			2.8	3.7
5	4.7	1.1	•1			† 			1		-	5.9	2.€
ssw	1.5	. 8	• 1			<u> </u>						2.4	3.0
SW	2.2	1.0	.1			 						3.2	2.
wsw	1.5	1.3	1.0			 						3.8	4.
w	2.0	1.5	• 3				·					3.9	4.0
WNW	.9	• 3	• 1			 		 				1.3	3.
NW	.9	.6		 		 	 					1.5	3.0
NNW	2.4	1.2	• 3		 	†						3.9	3.0
VARBL	 	<u> </u>		 		 	 					-	
CALM			> <	> <			> <	> <	>	\sim	> <	52.9	
	25.1	15.4	6.1	•5								100.0	1.

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	LIELS	ON AFE	A K	M NAME			73-	82		TEARS		·		CT.
3		_				ALL WE	ATHER						1200)~1400 # (L.S.Y.)
		-	·			CON	IDITION							
_		_												
	SPEED (KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	5.1	2.8	. 5									8.4	3.
NNE	1.6	3.3	1.2									6.1	5.
NE	-4	. 4	. 9			_			[1.7	6.
ENE	-1	• 2	• 2									• 5	6.
E	.4	1.3	• 5						Ī —			2.3	5.
ESE	1.0	1.0	1.1									3.0	5.
SE	• 9	. 8	1.3	• 5	• 1							3.5	7.
SSE	1.3	1.6	.9	•1								3.9	5.
5	2.0	1.0	• 1									3.1	3.
ssw	2.5	• 8						1				3.2	2.
SW	2.3	• 6	.1									3.0	2.
wsw	2.0	1.8	1.1	• 1								5.1	4.
w	2.7	2.2	1.5	• 2					<u> </u>			6.6	4.
WNW	• 9	. 6	.1	•1								1.5	4.
NW	1.3	• 2	- 1									1.6	2.
NNW	3.7	1.6	•2					 				5.5	3.
VARBL												1 - 2 - 1	
CALM		><	><	> <	><	> <	> <			> <		45.9	
-	29.0	20.2	9.8	1.1	. 1							100.0	2.

TOTAL HUMBER OF OSSERVATIONS 930

USAFETAC $\frac{\text{FORM}}{\text{AR. 64}}$ 0-8-5 (QL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELS	SON AF	BAK				73~	82						C T
HOITATE			STATIO	W MAME						YEARS				MARK
						ALL WE	ATHER						1500	-1790
							LASS						MOVE	8 (6.6.7.1
						CO	IDITION							
	SPEED (KNTS)	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND
	DIR.	1.3	1.0	/ . 10	11.16	17 . 21	42 . 27	20.33	37.20	1			•	SPEED
	N	4.2	1.8	. 6	•2	 	 				 		6.9	3.7
	NNE	.9		1.6	• 1	 	 	 	 		 		5.9	5.5
	NE	.4	•2	-8	• 2	 	 	 					1.6	7.0
	FNF	• 2	. 4	.1	+	 	 	 	1	 			- 8	4.6

(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		SPEED
N	4.2	1.8	• 6	•2			<u> </u>					6.9	3.7
NNE	.9	3.3	1.6	• 1								5.9	5.5
NE	. 4	•2	• 8	• 2								1.6	7.0
ENE	• 2	. 4	.1	1								. 8	4.6
E	1.0	3.	.4			 	1					2.2	4.3
ESE	•8	1.3	1.1			T	1					3.1	5.5
SE	1.1	• 8	• 8	. 4		1	† -					3.0	6.1
SSE	1.5	.6	• 5		T		1					2.7	3.8
5	1.7	1.5				1	 					3.2	3.2
SSW	1.6	. 4			l							2.0	2.7
SW	2.8	1.0	•1	i		1	1					3.9	2.5
wsw	2.6	1.3	•5	<u> </u>		1	1					4.4	3.5
w	3.3	2.0	1.1	.1								6.6	3.9
WNW	1.2	• 3	•1									1.6	3.1
NW	1.5	• 2	•1						1			1.8	2.6
WMM	2.5	1.3	•1									3.9	3.D
VARBL					1			T	1				
CALM	> <	$\supset \subset$	> <					$\supset <$		$\supset \subset$	> <	46.5	
	27.2	17.3	8.C	1.1								100.0	2.2

930

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

NNA

VARBL CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1・2550	LILL	SOM ALR					(3~	6 6					<u> </u>	<u> </u>
STATION			STATIO	I MANE						TARS				BOHT!
						ALL ME	ATHER							-2000
		_				c	LASS						HOVE	8 (L.S.T.)
		_				COI	DITION							
		_												
	SPEED													MEAN
	(KNTS)	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 . 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	WIND
	DIR.	1			ĺ	Ĺ	L			l				SPEED
	N	2.4	2.4	• 8	• 2								5.7	4.5
	NNE	1.4	2.2	1.5									5.1	5.2
	NE	1.1	1.0	. 4							1		2.5	4.3
	ENE	1.3	. 4	• 3	7								1.7	3.9
	E	•2	• 3	• 1									.6	4.7
	ESE	•5	• 3	• 5	.1				T				1.5	6.1
	SE	• 6	•5	• 2	•2								1.6	5.3
	SSE	4.3	1.7	. 3	• 1								6.1	3.3
	5	3.2	1.0										4.2	2.7
	SSW	1.7		• 1	†		†						1.8	2.1
	SW	1.3	. 8	• 2									2.3	3.3
	WSW	1.9	1.4	• 3	 		1			ļ			3.7	3.5
	w	1.5	1.4	1.0	.1		<u> </u>			·			4.0	5.2
	WNW	•6	• 3		 								1.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

3.0

2.4

130.0

USAFETAC $\frac{\text{FORM}}{\text{JAL 64}}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82	OCT
STATION	STATION NAME	YEARS	HONTH
		ALL WEATHER	2100-2300
		£LA96	HOURS (L.S.T.)
		COMPITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	4.7	3.3	• 5	•2								8.5	3.8
NNE	.9	2.7	. 8				-					4.3	4 . 8
NE	• 3	• 8	• 3	•1								1.5	5.
ENE	•5	• 2	•2									1.0	3.9
E	• 3	• 6										1.0	3.
ESE	•6	• 3	•1	• 2			1					1.3	4 . !
SE	1.4	. 4	• 3									2.2	3.
SSE	3.4	1.1		• 3								4.8	3.0
5	3.7	1.7										5.4	2.
SSW	1.9	•1										2.0	2.2
sw	1.0	. 3						i				1.3	2.5
wsw	2.3	1.3	. 4									4.3	3.0
w	1.3	1.4	• 5			i			l		ĺ	3.2	4.0
WNW	.6	• 2	.1						<u> </u>			1.0	3.
NW	•5	• 1										.6	2.
NNW	2.7	• 6										3.3	2.
VARBL					<u> </u>			1 -					
CALM	>	> <	$\overline{}$	$>\!\!<$	> <	$\supset \subset$	> <	> <	$\supset <$	$\supset <$		54.3	
	26.2	15.3	3.3	. 9								120.0	1.

930

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLEBAL CLIMATOLDGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AF® AK	73-82	961	
STATION	STATION MARK		YEARS BONTH	_
		ALL WEATHER	ALL	
		CLASS	HOURE (L.S.T.	.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.5	2.4	. 4	• 1								6.4	3.6
NNE	1.2	2.7	1.0	• D								5.0	5.0
NE	• 5	. 6	• 6	• 0								1.7	5.5
ENE	. 4	• 3	• 1	• 0								. 8	4.1
ŧ	. 4	• 6	• 3									1.3	4.7
ESE	.7	• 6	.6	• 1								2.0	5.1
SE	1.2	• 6	• 5	• 2	•0							2.6	5.3
SSE	2.5	. 9	. 4	• 1	• 1							4.3	3.9
5	3.3	1.3	• 1									4.7	2.8
ssw	1.9	• 3	• 1									2.2	2.5
sw	1.8	.7	. 1									2.5	2.8
wsw	1.8	1.2	• 5	1.								3.6	3.8
w	1.7	1.5	.7	• 1								4.3	4.5
WNW	•6	• 3	• 1	•0								1.0	3.4
NW	•9	• 3	• 3									1.3	2.8
NNW	2.2	1.0	•1									3.3	3.1
VARBL						İ							
CALM	$\supset <$	$\supset <$	$\supset <$	$\supset <$	><	$\geq \leq$		$\geq <$		><	><	53.5	
	24.9	15.4	5.6	• 7	•1							170.3	1.8

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH USAFETAC A1R WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702550	EIELSON AFB AK	73-82	NOV
STATION	STATION MAME	YEARS	MONTH
		ALL WEATHER	0000-0200
		CLAM	HOURS (L.S.Y.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	49 - 55	≥ 56	*	MEAN WIND SPEED
N	1.1	1.1										2.2	3.4
NNE		• 1	• 1									• 2	5.5
NE		. 2	•1									. 3	5.3
ENE	• 6		•1						1			.7	3.0
Ę	-4	• 2	• 3									1.0	4.7
ESE	-8	• 2	•1	•1								1.2	4.3
SE	• 9	• 3	. 4	.4								2.1	6.6
SSE	3.4	1.0	•1	•1	•1		1					4.8	3.6
5	3.3	1.6	•1									5.0	3.0
SSW	1.0	• 1										1.1	2.1
SW	• 9	• 1							1			1.0	2.2
WSW	. 4	•1	•2				!					-8	4.0
w	• 3	. 4	•6									1.3	5.9
WNW	.4	.1		.1								.7	3 . 8
NW	-4	1.										.6	1.8
NNW	1.6	. 8			l							2.3	2.7
VARBL					<u> </u>		 						
CALM	><	> <	> <	> <	$\supset \subset$	$\supset \subset$	$\supset <$		$\supset \subset$	$\supset \subset$	> <	74.7	
	15.7	6.6	2.2	. 8	.1							100.0	. 9

TOTAL NUMBER OF OSSERVATIONS 900

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	VCV
87A T106	STATION NAME	YEARS	BONTH
		ALL WEATHER	0300-0500 HOUSE (C.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.6	• 6										1.1	3.4
NNE	.8	• 2							L			1.3	2.4
NE	.6	• 1										. 7	2.2
ENE	- 1	• 1										2	3.5
E	.7	• 3	• 2									1.2	3.4
ESE	• 8	. 4	• 1	- 1								1.4	4 . 2
SE	. 8	. 4	• 2	• 3	• 2							2.3	6.9
SSE	3.1	.6		• 3	• 2	• 1	• 1					4.4	5.2
S	4.8	1.0	• 1	• 1								6.0	2.9
ssw	1.0	• 1										1.1	2.3
SW		• 2	• 1									• 3	6 · C
WSW	.7	• 1										-8	2.4
w	.4	1.1	• 8	• 1							i	2.4	5.9
WNW	•1											•1	2.0
NW	-6	• 1						,				.7	2.3
MMM	1.6	. 9										2.4	3.0
VARSL									1				
CALM	\searrow	\times	\times	$\geq \leq$	\times	\times	$\geq \leq$	\times	\geq	\times	\times	74.0	
	16.4	6.3	1.6	1.0	. 4	•1	. 1					100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 931

USAFETAC FORM 0-8-5 (OL. A.) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82		N.O.V.
STATION	STATION NAME		YEARS	AONTH
		ALL WEATHER		0600-0800
		CLASS		HOURS (L.S.Y.)
		CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥:56		MEAN DNIW SPE' D
N	1.4	• 3										1.9	2.4
NNE	.6	• 8										1.3	4.0
NE	• 2	• 1										. 3	2.7
ENE	• 3											• 3	2.3
ŧ	• 4	• 6	• 1							1		1.1	4.3
ESE	• 2	• 1	. 1							<u>i</u>		- 4	5.3
SE	1.3	• ?	• 2	• 2		<u> </u>			<u></u>	<u> </u>		1.7	4.9
SSE	1.9	• 8	. 4	• 6	• 1							4.3	6.0
_ 5	3.3	1.2	• 1				ļ					4.7	2.7
SSW	1.3	•1	• 2									1.3	3.0
sw	3.	. 4										1.0	3 • 2
WSW	• 7	• 2	• 1	• 1								1.1	4 - 1
w	.4	• 6	. 8	• 2		<u> </u>						2.0	6.7
WNW	• 3									L		• 3	2.3
NW	• 1							ļ	L			-1	2.5
NNW	1.1	• 6	• 1									1.8	3 • 2
VARBL					Ļ		Ļ,					 	
CALM	><	$>\!\!<$	$\geq \leq$	$>\!\!<$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	><	$\geq \leq$	76.7	
	13.7	6.0	2.2	1.3	. 1							170.0	1.0

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

TATION	<u> LILL</u>	SUN AFB						52		FEARS			_ <u></u>	U V
7100			STATION	· MARK					,	TEARS				
		_				ALL HE	ATHER							-1130
						·	LASS						W00 III	((6. 6. T.)
		-		!		con	DITION				_			
		-				· · · · · ·	T				_			
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
	N	1.7	. 4	• 1			Ī						2.2	3.2
ı	NNE	-4	• 3	. 1									. 9	3.8
	NE	• 4	• 1	• 2		İ							. 8	4.6
	ENE	• 2	.4	• 1									.e	5.3
	E	. 4	. 4										• 9	3.0
	ESE	1.1	• 1										1.2	2.8
	SE	1.2	• 3	• 3									1.9	3.6
ı	SSE	2.1	1.0	• 7	• 2								4.0	4.6
İ	\$	2.9	• 9	• 3									4.1	3 • D
	SSW	1.2	• 3	• 1									1.7	2.7
	SW	. 4	• 1	• 1									• 7	3.8
Ì	wsw	•8	• 6	• 3	• 1								1.8	4.6
Ì	w	.7	.7	1.4	• 3								3.1	7.0
	WNW	• 3	• 2										• 6	2.8
	NW	.6	• 1										.7	2.2
	NNW	1.0	. 4										1.4	2.6
	VARBL			-		1								
	CALM	$\geq <$	\mathbb{X}	\times	\times	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	\geq	\geq	>>	73.3	
		15.6	6.6	3.9	.7								130.0	1.1

900

USAFETAC O-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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GL(BAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2650	EIELSON AFB AK	73-8	2	NCY
STATION	BTA	TION NAME	YEARS	BONT S
		ALL WEATHER		1200-1400
		CLASS		MOVES (L.S.T.)
		COMBITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.8	1.4										3.2	3.1
NNE	•6	.7	• 1									1.3	3.8
NE		• 2		• 2								. 4	8 • 5
ENE	• 5	• 3	• 1						I			1.D	4.1
E	•6	. 4							I			1.3	3.1
ESE	.1	• 7	- 6									1.3	6.1
SE	• 3	. 4	• 3	• 1		I						1.2	6.4
SSE	. 9	• 2	. 4	• 2				Ĺ	L	<u></u>		1.8	5.3
5	2.3	. 9	• 1	• 3						<u> </u>		3.7	3.8
ssw	1.6	• 2			L							1.8	2.3
sw	1.0	• 3				l		İ				1.3	2.8
WSW	1.2	1.2	• 2	• 1		L						2.8	4 - 1
w	1.6	1.8	. 4	• 3				<u> </u>	L		L	4-1	5.0
WNW	•6							L				-6	2.2
NW	• 3		L				L	<u> </u>				• 3	1.7
NNW	2.4	1.1								Ĺ		3.5	2.9
VARBL					L					L		1	
CALM		$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	><	70.6	
	15.8	10.0	2.3	1.3								120.0	1.2

900

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SEPVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIELSON AFB AK	73-82 YEARS	NOV BONTE
		ALL WEATHER	1530-1700 HOURS (L.E.Y.)
		CORDITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.8	1.2										3.0	3.2
NNE	1.0	• 3	• 3									1.7	3.1
NE	-1								i			• 1	1.
ENE	•6	. 4	• 3									1.3	4.
ŧ	.7	• 1	• 2	• 3	• 1	· · · · · · · · · · · · · · · · · · ·	1			1		1.4	6.
ESE	. 3	• 3	. 4					<u> </u>	1			1.1	5.
SE	1.1	• 3	. 3	•1								1.9	4.
SSE	1.0	.7	• 2	• 3					·	<u> </u>		2.2	5.
S	2.3	. 8	•2	•1			1					3.4	3.
SSW	1.4	.7	• 1	-	\			i — — —				2.2	3.
SW	.8	• 3		·								1.1	3.
WSW	.9	. 7	.1	•1						·		1.8	_ 4.
w	1.0	.7	. 8	•1								2.6	_ 5.
WNW	.7	•1	•1									.9	3.
NW	.7	• 1					 		<u> </u>			.8	Ž.
NNW	1.3	1.4										2.8	3.
VARBL							 		<u> </u>			1 200	<u> </u>
CALM		>	\times	>	>	>			\supset	\sim	>><	71.7	
	15.7	8.2	3.2	1.1	• 1							170.0	1.

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC $\frac{\text{FORM}}{\text{AUC ad}}$ 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.8	. 8										2.6	2 . 8
NNE	•2	.7										. 9	4.1
NE		• 5										• 2	4.
ENE		• 3	•2									• 5	5.1
E	. 9	• 6	•6									2.0	4.1
ESE	• 3	• 2		•2	.1							. 9	7.0
SE	1.4	• 2	•1		-							1.5	3.
SSE	2.4	• 3		• 2								3.0	3.
\$	3.6	1.1	• 1	• 2								5.3	3.1
SSW	1.0	• 3	• 3							1		2.1	3.9
SW	1.0	•2										1.2	2.9
wsw	.9	.9								<u> </u>		1.8	3.4
w	•6	.7	• 2									1.4	4.0
WNW	.4	•1	-1	1								.7	3.9
NW	.8	• 3		t								1.1	3.0
NNW	1.0	1.2		<u> </u>			,		1			2.2	3.2
VARBL													
CALM	$\supset <$	>>				$\supset <$	$\supset <$	$\supset <$	$\supset \subset$		> <	72.6	
	16.3	8.7	1.7	.7	• 1							100.0	1.1

SHOITAVISES OF DEMNUM LATOT

SAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR BEATHER SERVICE/MAC

EIELSON AFB AK

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-E2

	_				ALL ME	MIHER			· · · · ·			2130	-2300
					сон	DITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	.8								-		2.3	2.9
NNE	1.0	• 1										1,1	2,2
NE	•1	• 2										• 3	4.7
ENE	• 6		• 3									. 9	4 . D
E		• 2	. 3	• 1	• 1							.8	9.3
ESE	•8		• 1									.9	2.8
SE	1.4	• 2			• 2	•1						2.0	5.3
SSE	2.2	. 9								1		3.1	2.8
5	2.8	1.3	.1	• 1								4.3	3.0
SSW	1.0	• 1	•2									1.3	3.2
sw	. 9	• 2	•1									1.2	3.0
wsw	.4	.4	• 2									1.1	4.3
*	•2	. 9	•2									1.3	5.3
WNW	• 3	• 1	• 3									• B	5.6
NW	•7	• 2										. 9	2.5
NNW	1.1	9.										1.9	3.4
VARBL													
CALM												76.3	

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLERAL CLIMATOLOGY BRANCH LEAFETAC AIR WEATHER SERVICE/MAC

EIELSON AFB AK

707650

SURFACE WINDS

NOV

7200

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

73-82

-		STATIO	M HADE						YEARS				MONTH
					ALL WE	ATHER							LL
	_					LAM						HOUR	B (L.S.T.)
					cos	DITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.4	8ر•	•0						İ	1		2 . 3	3 - [
NNE	- 5	• 4	• 1]		1.1	3.9
NE	•2	• 2	•0	•0								- 4	4
ENE	.4	• 2	• 2									• 7	4
ŧ	• 5	. 4	•2	•1	• 0							1.2	4.1
ESE	•6	• 3	• 2	.1	•0							1.1	4.8
SE	1.3	• 3	•2	• 2	• 1	•0						1.8	5.
SSE	2.1	.7	•2	• 3	• 1	•0	•0					3.4	4.
5	3.2	1.1	• 2	• 1					1			4.5	3.
SSW	1.2	• 3	•1									1.6	2.
SW	•7	• 2	- 0					İ	1			1.0	3.0
WSW	.7	• 5	•2	•1		İ						1.5	4.
w	.7	. 8	.7	-1	i		<u> </u>					2.3	5.7
WNW	.4	• 1	•1	.0			ĺ					• 5	3.5
NW	• 5	.1										•6	2.
NNW	1.4	• 9	•0	1			<u> </u>					2.3	3.1
VARBL	I												
CALM	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	$\supset <$	><	73.7	
	15.5	7.3	2.4	.9	•2	•0	•0					100.0	1.0

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

<u> </u>	ZON ALR					13-	8.2						E C
		STATIO	M MAME						TEARS				
					ALL WE	ATHER						0000	-0200
					•	TV20							
	_				col	IDITION .							
				_									_
SPEED													MEAN
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	SPEED
N	1.0		•2									1.2	3.2
NNE	.4	1.3	1.1	• 1								2.9	5.1
NE	• 1	• 2	• 3	• 1								.8	6.9
ENE	• 2											• 2	2.0
E	• 1	• 2	.1									- 4	5.8
ESE	-8	. 4	• 2			I						1.4	4.3
SE	• 5	• 2		• 2								1.0	5.4
SSE	2.3	• 2	• 2	• 1								2.8	3.2
S	1.9	1.4	•2							l		3.5	3.1
ssw	1.0	. 1		l						I		1-1	2.4
sw	• 5	• 3	• 2									1.1	4.1
wsw	-3	• 3							ſ		I	. 6	3.3
w	• 2	. 4	• 1								1	.8	4.6
WNW	•2	• 1									L	• 3	2.7
NW	-4	• 1										• 5	2.8
NNW	1.3	• 6		Ī								1.9	2.8
VARBL										I			
CALM		><	$\supset <$	$\supset <$	><	$>\!\!<$	><	><	$\geq <$	><		79.5	
	7												

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 255C	EIELSON AF	B AK			73-82					DEC
BOLTATE		STATION HARE					TEARS			PONTE
				ALL WEA	THER					0300-0500
				CLAS	8					HOURS (L.S.T.)
								_		
				COMBIT	HOI					
_										
T I	η — -	1 - F	1	1 1"	1	1		i	1	: l l

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	• 3	•1									1.6	3.3
NNE	• 3	1.1	1.0									2.4	5 . 8
NE	• 3	• 2	• 2									.8	4 . (
ENE	• 1		•1		1							•2	4 . !
E	•5	•1										.6	2.0
ESE	•1	• 3	• 2		i	1						.8	6.1
SE	.9	•2	 	-1	-1	 		 				1.3	4.
SSE	1.5	•2	.1		 	 -	 					1.8	2.
5	2.4	.9	.5	 	 	 		 				3.8	3.
SSW	-8	•1				 -	 		 			.9	2.
	.4	9.	 		 	 			 			1.2	3.
_SW	1.2	市	•1		 	 -		 	 	 	<u> </u>	2.3	3.
wsw	-3	.6	•2	 	 	 		 	 			1.2	4.
W	.5	• 1			 		 					.6	2.
WNW	-4	• 2	 	 	 	 	 		 			.6	2.
NW		• 2	ļ		 	 	 	 	 			1.9	2.
NNW	1.7	• 6	<u> </u>		 	 						107	<u> </u>
VARBL	_	Ļ	Ļ		Ļ			<u></u>		_			 _
CALM			><	><		><	> <	$\geq \leq$	><	><	$\geq \leq$	78.3	
	12.7	6.1	2.6	•2	.1							100.0	•

TOTAL NUMBER OF OBSERVATIONS 930

SLEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

702650	EIEL	SON	AF	A P	ON NAM	 			-		73-	- 8 2		 TEABS	 		_		DE	C	_
			-		 	 	 AL	<u>.</u>	E /	A T H	ĘQ		 	 				<u> 26</u>)) -	- C 8 D C	ᆫ
			-		 	 -	 		COMB	1 T 1041			 	 	 						
[SPEED	<u> </u>			 1	 Т	 Ţ -		$\overline{}$			T	 T .	 <u> </u>		 Τ.	 Ţ		1	MEAN	٦

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 · 55	≥54	*	MEAN WIND SPEED
N	. 4	. 6	. 4									1.5	9.9
NNE	- 4	1.2	1.2						Ţ			2.8	5.€
NE	• 1	• 1	• 2	• 1			l			Ĭ		. 5	6.4
ENE	• 1	• 2	• 2	1		į						• 5	5.2
ŧ	• 3							Î				• 3	1.3
ESE		. 4										. 4	5.0
SE	•5	• 3	• 2	• 2							-	1.3	5.9
SSE	1.4	• 6	. 1									2.2	3.0
5	1.5	. 8										2.3	2.8
ssw	• 9	• 1	• 1					•				1.1	2.8
SW	• 6	• 1	•1									.9	2.8
wsw	•5	. 4	• 2	- 1	• 1							1.4	6.2
w	1.2	• 3	• 5	•2	• 1							2.4	5.2
WNW													
NW	•5	• 3										.9	2.6
NNW	1.1	• 3					1					1.4	2.8
VARBL				Ì				1					
CALM	\searrow	> <	> <	> <	>>	\times	\boxtimes	\geq	\boxtimes	\times	\times	8C-2	
	9.7	5.9	3.3	.6	• 2							120.3	• 9

GL.BAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

702650 EIELSON AFB AK

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

					ALL WE	ATHER						0930	-1133
						LASO						110v C	0 (1 5 7)
					co	IDITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	40 - 55	≥ 56		MEAN WIND SPEED
N	1.2	• 1		† 		 				1		1.3	2.1
NNE	2.0	1.2	• ₿	-1	T			1	1			4.1	· 2 · 1
NE	•5	• 1	• 1	<u> </u>		1		† — — —	† — ·	†			3.1
ENE	•2	• 1	• 1		1	T	1	1				• 4	3.€
ŧ	•1								T	1		1 1	1.0
ESE	.1	• 3	•1		<u> </u>		1	†				• 5	5.0
SE	1.0	• 2	•1	• 3			1	<u> </u>		1		1.6	5.3
SSE	2.4	• 2	. 4	1						1		3.0	3.1
S	1.9	• 5	•1	T	• 1				1			2.7	3.7
SSW	.8	• 1					1			1		- 9	1.9
sw	•2						1	<u> </u>	1	1		.2	3.0
wsw	.4	.4	• 1	• 1		T			1	1		1.1	4.7
w	.4	.1	• 8	• 1	T	•1			1		<u> </u>	1.5	7.8
WNW	•2	• 2	•1	•2			<u> </u>	T		1		. 8	5.6
NW	•1	• 3	<u> </u>	1						1	<u> </u>	. 4	3.8
MMW	1.8	• 1	• 1	1		1		1		1	,	2.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

VARBL CALM

100.0

61C3AL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

_ LALL.	SUN AFB	STATIO	I MAME				82	-	TEADS				HONTH
					ALL WE	ATHER						1200	-1430
	_					LASS						HOUR	(L.S.T.)
					con	DITION							
	_												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	. 3										1.6	2.4
NNE	1.0	1.2	• 8	• 2								3.1	5.6
NE	•3	• 2	. 4									1.0	5.7
ENE	• 3				Ì							• 3	2.3
E	• 3							i				• 3	2 . 3
ESE	. 4	• 3	• 3	.1								1.2	5.3
SE	1.2	• 3		.6	•1	1						2.3	6.4
SSE	1.3	• 2	• 1						· · · · · · · · · · · · · · · · · · ·			1.6	2.3
5	1.8	1.4	• 2	•1			·					3.6	3.7
55W	-6					<u> </u>		i				.6	1.8
sw	•2	• 2	• 1							1		• 5	4.6
wsw	.1	• 1	• 1						<u> </u>			• 3	5.3
w	.8	. 4	. 4	• 2						i		1.8	5.8
WNW	- 3	• 2										• 5	3.4
NW	•5	• 2										. 3	2.7
NNW	1.7	.6										2.4	2.6
VARBL	T				<u> </u>			1					
CALM			$\overline{}$									78.3	

TOTAL NUMBER OF OBSERVATIONS

929

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

NNW

CALM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

55D	EIELS	SON AFB	AK				73-	B 2					D	E C
PAYRON			STATIO	HAME						TEA88				104TH
		_				ALL WE								-1700
							1A 96						NOV R	8 (L.S.T.)
		-				col	EDITION			·				
	SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
- 1	N	1.2	• 8	• 1	.1					l			2.2	3.7
1	NNE	-5	. 6	1.4	• 1								2.7	6.8
j	NE	-4	• 5	• 3	1				1				1.3	5.0
- 1	ENE	•2	• 1		ļ	<u> </u>							• 3	3.3
- 1	E	-4	• 2	•1		T					1		•8	3.4
- 1	ESE	•2	• 3	•1	• 2						1		. 9	6.1
1	SE	•6	. 4	• 5	• 3	• 2							2.2	7.3
- 1	SSE	1.1	• 3	• 2	i								1.5	3.3
	5	2.6	• 5	• 2		<u> </u>					1		3.3	2.7
- 1	ssw	1.7	• 2								1		1.9	2.3
ı	SW	.4	• 5							Ī			1.0	3.1
- 1	WSW	•6	• 3								1		1.0	3.4
t	w	• 3	. 4	. 3	.1			· · · · ·	1	1	1		1.2	5.5

TOTAL NUMBER OF OBSERVATIONS 927

76.6

100.0

3.4 2.0

1.0

USAFETAC PORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	UN AFB	STATION	NAME						YEARS				E L
					ALL WE	ATHER							-2000
	_					LASS						HOU R	(L.S.T.)
	_				con	BITION							
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	• 5	.2									2.3	3.5
NNE	1.0	1.1	1.1	• 1	<u> </u>	· · · · · ·		† -	 			3.2	5.6
NE	.4	• 3	• 1		<u> </u>				 	 		. 9	3.8
ENE	- -				 -	-			 	 			3,00
E	•1	•1				 			 			• 2	3.5
ESE	. 8	• 2	•2			<u> </u>			 			1.2	3.5
SE	•8	• 5	• 3	• 5	 				 	 		2.2	6.7
SSE	1.5	• 5	• 3	•1	<u> </u>				 			2.5	3.8
5	2.3	1.0				†			T	 		3.3	2.9
SSW	-8								ļ			• 5	1.7
5W	-4	• 3	.1									.9	3.8
wsw	.4	• 2	•1									. 8	4.0
w	•6	• 2	• 3			T		1		1		1.2	4.4
WNW	•8	• 1		·								.9	2.4
NW	• 3	• 1			···							.4	2.3
NNW	1.1	• 5	• 2					t				1.8	3.6
VARBL			· · · · · ·	 									
CALM	\sim							$\overline{}$				77.8	

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM 0-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.2	1.3	• 1		*			-				2.5	3,9
NNE	1.0	1.0	.9	• 1								2.9	5.3
NE	•1	• 2	• 1		i							. 4	4.3
ENE	•3	• 1										. 4	2.8
E	•2	• 2										. 4	2.8
ESE	- 3	• 2	•2									. 8	4.6
SE	•6	• 2	• 2									1.1	4.1
SSE	1.5	• 6	.1	•1	•2				<u> </u>			2.6	4.8
\$	1.9	1.0	•1									3.0	3.2
SSW	•5	• 1							1			. 5	2.7
SW	• 4	• 2	···						T			- 6	3.0
wsw	.9		•1	•1					†			1.1	3.7
w	•5	1.1	•2				·	1				1.8	4.4
WNW	•2		. 1				-					• 3	3.7
NW	-9	•1			<u> </u>				I	1		1.0	2.3
NNW	1.1	• 5	•1						 			1.7	3.6
VARBL									†	T		1	
CALM	$\supset \subset$	> <	><	> <			$\supset <$	$\supset <$	$\supset <$		>	78.5	
	11.8	6.9	2.3	• 3	• 2							100.0	. 9

OTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH USAFETAC

12.1

AT: WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

LIELS	SON AFB	A K STATIO				73-	<u> 8 2 </u>		YEARS				E C
		\$14.10A	4 46-1		A				ILARD				
	_				ALL WE	LASS							LL 5 (L.S.T.)
	_				COS	DITION							
SPEED					<u> </u>	Ţ <u>-</u>							MEAN
(KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	SPEED
N	1.1	• 5	• 1	3.								1.7	3.4
NNE	. 8	1.1	1.0	• 1						L		3.0	5.6
NE	• 3	• 2	• 2	• 0								. 8	4.9
ENE	• 2	• 1	- 1									• 3	3.6
E	• 3	• 1	• 0									. 4	3.0
ESE	• 3	• 3	• 2	• 1								. 9	4.9
SE	• 3	• 3	• 2	• 3	. 1							1.6	5.9
SSE	1.6	. 4	• 2	• 0	.0	L				i		2.3	3.3
S	2.0	• 9	• 2	• 0	• 0							3.2	3.3
ssw	• 9	• 1	• 0									1.0	2.2
sw	• 4	• 3	• 1									- 8	3.6
wsw	.6	• 3	• 1	•0	• 0							1.0	4.2
w	• 5	• 5	. 4	• 1	.0	•0					L	1.5	5.4
WNW	• 3	• 1	• 0	•0			<u>.</u>					.5	3.5
NW	• 5	• 2										. 7	2.6
NNW	1.4	. 4	• 1									1.9	2.8
VARSL					L								
CALM												78.4	

TOTAL NUMBER OF OBSERVATIONS 7430

130.3

CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2650	EIELSON AFB AK	73-82	ALL
STATION	STATION MADE	YEARS	MONTH
		ALL WEATHER	ALL
		CLASS	NOVES (L.S.Y.)
		COMBITION	

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	40 - 55	≥56	*	MEAN WIND SPEED
N	7.2	1.7	• 5	•1	• 0					ļ		4.5	4.0
NNE	1.2	1.6	1.0	• 2	• 0	•0						3.9	5.3
NE	•6	•6	• 6	•2	• 0							2.1	6.1
ENE	•5	. 4	• 3	•1	•0							1.2	5.1
E	• 6	.5	. 4	• 1	• 0						T	1.6	5 • D
ESE	.7	.6	- 5	•1	•0					$\overline{}$		1.9	5.4
SE	1.1	.7	.6	• 3	• 1	.0	•0					2.8	6.D
SSE	2.6	1.1	-5	• 2	•1	.0	•0					4.3	4.1
5	3.4	1.5	• 3	• 0	•0				† — — —			5.3	3.3
SSW	1.5	. 8	• 2	•0	•0			ļ				2.5	3.3
SW	1.2	• 8	• 3	.0	•0				†	T	i	2.3	3.9
wsw	1.6	1.6	.8	•1	• 0							4.0	4.7
w	1.7	2.1	1.5	• 3	•0	.0						5.7	5.5
WNW	1.0	1.0	.6	.1	•0			i ———				2.8	5.0
NW	1.0	.7	.3	•0	•0							2.0	4 . D
NNW	1.7	1.2	• 3	• 0					†	† · · · · · ·		3.3	3.7
VARBL											<u> </u>		
CALM		$\supset <$		$\supset <$	$\supset <$	> <	> <	$\supset <$	$\supset <$	$\supset <$		49.9	
	22.7	16.8	8.6	1.8	•2	.0	. 3					100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 87624

USAFETAC O-8-5 (QL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLUBAL CLIMATOLOGY BRANCH UNAFETAC AIP WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

7 2550 STATION	ETELSON	AFB A	A K STATION I	HAM E				_	73	<u>-82</u>			YEARS		ALL
							INST		1ENT					_	SLL
								CLA	196						HOURS (L.S.T.)
			CIG	200	TO	1400	FT	W/	VSBY	1/2	MI	OR	MORE,	_	
								COMD	HOIT					_	

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	*	MEAN WIND SPEED
N	1.3	. 7	•1								<u> </u>	1.3	3.2
NNE	•5	• 5	• 2	• 0								1.2	4 . 4
NE	• 1	• 0	• 0	•0							Ī	• 2	4.4
ENE	• 1	•0	•0									• 2	2.8
E	• 2											. 2	2.1
ESE	• 3	• 1										• 5	2.5
SE	• 9	• 3	•0	• D				1		1	i	1.3	2.8
SSE	2.1.	• 6	• 2	• C			1					2.8	3.0
5	3.4-	1.7	• 3	• 0					1			5.4	3.2
SSW	2.3	1.2	•2									3.7	3.2
SW	2.3	1.4	. 4	• 0				1				4-1	3.7
wsw	2.9	3.5	1.8	•1	• C							8.4	4 . 8
w	2.5	4.2	3.3	• 5	•0	•0						10.5	5.8
WNW	9/8	1.0	• 5	• 1								2.4	5 . 2
NW	•5	• 3	• 5									.9	3.3
NNW	.7	. 4	•0		i							1.2	3.1
VARSL			İ	<u> </u>	1								
CALM	$\supset <$	$>\!\!<$	> <	> <			$\supset <$	$\supset <$	$\supset <$	$\supset <$	><	55.2	

TOTAL NUMBER OF OBSERVATIONS 7255

ISAFETAC JUL 44 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bive tate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 3. By month by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING							VIS	BILITY (ST	ATUTE MI	LES)						
(FEET)	≥ 10	4≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	21%	≥ 1 1/4	≥ 1	≥ %	≥ %	≥ y ₂	≥ 5/16	≥ 1/4	≥ 0
NO CEILING						_										
	\bigcap										\sim		\geq	\bigcap		
≥ 1800 ≥ 1500	}				91.0											92.6
≥ 1200 ≥ 1000												<i>-</i>		1		1 2 2 2
≥ 900 ≥ 800							· · · · · · ·							† ··		
≥ 700 ≥ 600																
≥ 500 ≥ 400			··							97.4					-	98.1
≥ 300 ≥ 200	ļ .							h				h		† ·		†
≥ 100 ≥ 0					95.4		96.9			98.3				 		100.

EXAMPLE #1 Read ceiling values independently of visibility under column at right headed ≥ 0 . For instance, from the table: Ceiling ≥ 1500 feet = 92.6%. Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:

Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling \geq 1500 feet with visibility \geq 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

732550 EIELSON AFB AK

73-82

- Maria

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2022-2200

CEILING							VI\$	BILITY STA	ATUTE MILI	ES						,
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1';	≥1.	≥١	≥	≥ >•	≥ 7	≥ 5 16	≥.	≥0
NO (EILING ≥ 20000	38.4 40.2	47.0	48.4 57.6	49.5 51.7	51.3 53.5	51.7 54.0	52.5 54.7	55.2 57.4	55.9 58.2	58.0 6D.2	59.6 61.8	59.9 62.2	62.7	63.5 65.8	64.4	54.4 66.7
≥ 18000 ≥ 16000	41.3	51.3 51.3	52.5 52.8			55.8 56.1	56.7 57.0		60.1 60.4	62.5	63.8 64.1	64.1 64.4	66.9 67.2	67.7 68.1	68.5	68.6 68.9
≥ 14000 ≥ 12000	42.9 45.1	52.2 54.6	53.7 56.1	54 • 7 57 • 2	56.6 59.0	57.0 59.5	57.8 60.3	60.5 63.0	61.3 63.8	63.3 65.8	64.9	65.3 67.7	68 - 1 70 - 5	68.9 71.4	69.8 72.3	69.8 72.3
≥ 10000 ≥ 9000	48.3 54	\$8.5 60.8		61 • 1 63 • 3	62.9 65.3	63.3 65.7	64.2 66.6	66.9 69.2	67.6 70.0	69.7 72.0	71.3 73.7	71.6 74.0	74.4 76.8	75.3 77.6	76.1 78.5	76.1 78.5
≥ 8000 ≥ 7000	55.3 56.9	66.3 68.1	67.8	68.9 70.6	71.1 72.8	71.5 73.2	72.4	75 • 1 76 • 8	75.8 77.5	77.8 79.6	79.5 81.2	79.8	82.6 84.3	83.4 85.2	64.3 85.0	84.3 86.0
≥ 6000 ≥ 5000	57.4 58.6	68.6 70.2	70.2 71.8	71 • 3 73 • 0		73.9 75.9	74.7 76.8	77.4 79.5	75.2 86.2	80.2 82.3	81.8 83.9	82.2	84.9 87.0	85.8 87.8	86.7 88.7	96.7 88.7
≥ 4500 ≥ 4000	58.7 58.8	70.9 71.3	72.6	73 · 8 74 · 5	76.1 77.0	76.8 77.6	77.6 78.5	80.3	81.1	83.1 84.5	84.7 85.5	85.1	87.8 88.7	88.7 89.6	93.4	
≥ 3500 ≥ 3000	59.0 59.2	71.8	73.8 74.1	75 • 8		78.6 79.4	79.5 80.2	82.2	82.9	84.9	86.6	86.9 87.6	89.7 93.4	90.5 91.3		91.4
≥ 2500 ≥ 2000	59.2 59.4	72.7	74.6 75.5	76.5 77.3	79.5 80.3	80.1	81.0 81.8	93.7 84.5	84.4	86.5 B7.3	88.1	88.4		92.9	92.9	93.8
± 1800 ≥ 1500	59.4 59.8	73.8	76.3 76.8		81.7	81.7	83.7		86.0 87.1	88.1 89.1	89.7 90.8	90.0	93.9		94.5	95.6
≥ 1000	60.0 60.0	74.7				83.1	85.8	87.3	88.1	90.1 91.6	91.7	18.7	96.5	97.3	96.6 98.2	98.2
> 800 > 800	60.0	74.7	77.2	79.8		84.2	85.8		89.6	91.6		93.7	96.5	97.4	98.2	98.3
2 700 2 600	60.Z	75.1 75.1	77.5	80.2		84.5	86.2	89.2	90.0	92.4	94.1	94.4	96.9	97.7	98.9	98.9
≥ 500 ≥ 400	60.2	75.2	77.6	80.5 80.5	84.5	85.2	86.9	90.0	90.9	92.9	94.7	195.1 15.4	97.8 98.2	98.7	99.9	99.9
≥ 300 ≥ 300	60.2	75.2 75.2	77.6		84.5	85.4	87.1 87.1	90.3	91.3	93.2			98.2		99.9	00.0
3 100	60.Z	75.2		7-7-	[85.4	87.1 87.1	90.4	91.3	1	95.2 95.2	95.5 95.5		99.1		100.0

TOTAL NUMBER OF DESERVATIONS

931

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDGUET

GLEAL CLIMATOLOGY BRANCH USAFETAC Ale heather service/mac

CEILING VERSUS VISIBILITY

702650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING						_	VIS	IBILITY STA	LTUTE MILI	ES						
FEET .	≥10	≥ 6	≥ 5	≥ 4	≥3	≥2;	≥ 2	≥1 ·	≥1.	≥1	≥ .₄	≥ 'ъ	≥ :	≥ 5 16	≥ •	≥0
NO CEILING ≥ 20000	39.5	47.3	48.8	49.7 52.3	51.5 54.1	51.8	52.5 55.1	54.4 57.3	55.3 57.8	56.9 59.5	59.6	59.9 62.7	62.0 64.8	63.1	64 • 1 66 • 9	64.1
≥ 18000	42.9	51.5 51.7	53.0 53.2	53.9 54.1	55.7 55.9	56.2 56.5	56.9 57.1	58.8 59.0	59.7 59.9	61.3 61.5	64.2 64.4	64.5	66.7 66.9	67.7 68.0	68.7 68.9	68.7 66.9
≥ 14000 ≥ 12000	43.4	52.3 53.5	53.8 55.1	54.6 55.9	56.5 57.7	57.0 58.3	57.6 58.9	59.6 60.9	60.4	62.0 63.3	64.9 66.2	65.3 66.6	67.4 68.7	68 • 5 69 • 8	69.5 70.8	70.8
≥ 10000 ≥ 9000	47.8 50.1	57.3 59.8	61.3	59.7	61.5	62.0 64.5	62.7 65.2	67.1	65.5 68.0	67.1 69.6	70.0	70.3 72.8	74.9	73.5 76.0	77.0	74.5 77.0
≥ 8000 ≥ 7000 ≥ 6000	56.7	65.7	67.2	69.5	71.4	72.2	71 • 1	73.0 74.8	75.9	75.5	78.4 80.2	78.7 80.5	83.9 82.7	81.9	84.7	82.9
± 5000 ± 5000	57.2 58.1	69.6	71.1	71.9	73.0	73.9 _75.3	74.6 _76.3	78 D	77.4	79.0 80.9	81.9	92.3	85.8	85.5 86.9	86.5 87.8	86.5 87.8
± 4000	58.6	70.4	72.3	72.6 73.1 73.7	75.2 75.8 76.7	76.0 76.7 77.5	78.3	79.5	79.8 80.4 81.3	81.4 82.3 82.9	84.9	34.6 85.3 86.1	86.8 87.4 88.3	87.8 88.5 89.4	B9.5	
2 ×306 2 2500	59.0	71.6	73.4	74.9	77.5	78.4	79.1 80.0	81.3	82.2 83.0	83.B	86.7	87.C	89.1 90.0	9D.2	91.2	91.2
800	59.1 59.1	72.5	74.4	75.7	79.0	80.3	81.1	82.9	83.8	85.4 85.7	88.5	88.9	90.8 91.1	91.6 92.2	92.8	92.8
2 1500	59.4 59.7	73.1	75.6 75.7	76 • 7 77 • 1	80.5 81.0	51.6 82.3	82.6	89.9	85.8	87.4 88.7	90.3 91.6	90.6	92.8 94.1	93.9 95.2		94.8 96.1
≥ 1000 > 900 ≥ 800	59.8	73.9	76.1		82.3	83.6	85.3	87.6	88.5 89.0	90.1	93.5	93.3		96.6	98.1	97.5 98.1
≥ 700 ≥ 600	59.8	73.9	76.3	77.7	82.7	84.3	86.2	89.1	97.0	91.6	93.9	94.8	-	98.1		1
± 500 ≥ 400	59.8	74.1	76.5	78.2		84.9	86.9	89.8	90.6	92.3	95.2	95.5		98.7	99.2 99.7	
± 30€ ± 200	59.8 59.8	74.1	76.9 76.9 76.9	78.2 78.2 78.2	83.4	85.2 85.2	87.1	90.0 90.0	90.9	92.5	95.4 95.4	95.7 95.7 95.7		98.9 99.0	99.9	
100	59.8	74.1	76.5 76.5		83.4	85.2	87.1	90.0	90.9	92.5	95.4			99.0	100.0	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702650 ETELSON AFB AK

73-82

Mary .

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> ១៩ភូល្អ-១,8០០</u>

CEILING							VIS	IBILITY STA	ATUTE MIL	ES.						
FEET	≥:0 ¦	≥ 6	≥ 5	24	≥ 3	≳2 ;	≥ 2	 ≥1:	≥1.	≥1	≥ .	≥ '•	≥ ;	≥5 16	≥ .	≥0
≥ \$0000 ≥ \$1LING	39 • 2 39 • 8	44.2		48.4 50.1	53.0 51.7	50.1 51.8			53.2 54.9		57.3 59.2			61.4 53.3		62.2
≥ 18000 ≥ 16000	40.8 41.3	47.0		1		52.9 53.7		55.5 56.2	56.8	57.2 58.0		61.4	63.0 63.8	64.4		65.2 65.9
≥ 14000 ≥ :2000	41.7	48.2	50.6 53.8	55.5	57.1	54.1 57.2		59.8	60.3	58.4 61.5	61.5 69.7	61.6 64.8	67.4	65.6 68.8	69.2	
2 9000 2 9000 3 9000	49.9	57.1	59.6	61.3	62.9	61.3 63.0	63.8		66.1	65.6	70.5	70.6		74.6	75.1	
2 8.4X	56.2	62.8	67.3	68.9	70.6	69.1 71.1	12.2	71.7	74.5	75.7	78.9	79.0	81.6	83.5	83.9	83.8
≥ 5000 • 5000 • • • 4500	57.1 57.5	66.3	68.9		73.0	72.4 73.7 74.8	79.7	75.3. 76.6.	77.1	78.3	81.5	81.6	89.2	85.6	86.7	86.3
4(XX	58.6	67.4 68.4	7^.8	73.1	74.2 75.4 75.8	76.U	77.1	79.1	79,7		84.1	84.2 84.6	86.8	87.3 88.2 88.6	88.5	88.9
2 000 	59.8	68.5	71.3	73.8	:		78.6	80.6	81.Z	82.4	85.6 86.9	85.7 87.3	10.3		93.1	93.4
- 2000 - 800	59. 5		73.0	75.5	78.8		80.4	52.9	83.4		87.8	84.0	90.5	91.9	92.4	92.7
± 50k ± 20C	59.8	71.3	74.3	77.0		81.4	82.8				90.9	90.1		94.1		94.8
2 - 000	59.9	71.7		78.1	82.6	83.7			87.6			92.2 92.8		96.8		96.9
2 BUN 1 2 700 2 500	60.3	71.9	75.2	78.4	83.1	84.2	85.9	88.3		90.0	93.2			97.4	97.8	98.2
500 2 400	60.3		75.8	79.2	84.3	85.4		89.6		90.1	94.5		97.3	98.8		99.6
2 300 2 200	60.1 60.1	72.4	75.8	79.2	}	85.6	87.4		90.3	91.6	94.7 94.8 94.8	94.9	97.7	99.1 99.2 99.2	99.7	100.0
	60.3	72.4	75.8	79.2	84.5	85.6	87.4	89.8		91.6	94.8	94.9	97.7	99.2	99.7	100.0

OTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS BOTTONS OF THIS FORM ARE CRECKET

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATE MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

75265C EIELSON AFB AK

73-62

- MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0525-1130

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
l FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1':	≥1.	≥1	≥ :•	≥ '•	≥ :	≥5 16	≥ .	≱c
NO CEILING ≥ 20000	37.0 36.7	38.6		39.8	41.4	42.0	42.5	43.2 45.5	43.3		47.0 49.2	47.6		52.4 54.6	53.8 56.0	
≥ 18000 ≥ 16000	40.5	42.6		!	46.1 46.8	46.8	47.2 47.8	48.0 48.6	48.1 48.7	49.8 50.4	51.7 52.4	52.4 53.1	55.1 55.8	57.1 58.0	58.5 59.5	
≥ 14000 ≥ 12000	41.6 45.1	43.8		45.5		48.0 51.6		49.1 52.8	49.2 52.9		52.9 56.8	53.7 57.5		58.5 62.5	60.0 64.0	61.0 64.9
≥ 10000 ≥ 9000	50.6 52.2	53.1 54.6		54 - 8 56 - 3	56.7 58.2	57.3 58.8			58.6 60.1	60.3	62.5 64.0	63.2	66.D		69.7 71.2	70.6
≥ 8000 ≥ 7000	57.4 59.6	60.1			63.9 66.5	64.5			65.8	67.5	69.7 72.6	70.4	73.2 76.1	75.4 78.3	76.9 79.8	77.8
≥ 6000 ≥ 5000	60.4	63.4	64.1	1 7 7 7	67.6	68.3			70.9			75.2			81.6 83.9	82.6
≥ 4500 ± 4000	63.1	56.3	67.1	68.6	71.2	71.9	72.8	73.8	'	76-1 77-3	78.6	79.4	82.2			
2 3500 2 3000	63.5			70.3 71.8		73.7 75.5	t		75.9 77.8		80.9 82.8	91.6 83.5		86.6		89.0
≥ 2500 ≥ 2000	63.9 64.1		69.7	72.3 72.8	75.5 76.3	76.2 77.2		78.2 79.5	78.6 79.9		83.5 85.1	84.3 85.8		89.2 90.8		91.7 93.2
: 800 ≥ 500	64.3 64.9	69.5 70.3	70.6	73.2 74.4	76.8 78.2	77.6		8D.D	80.4 82.0	82.9	85.7 87.3	86.5	89.2			93.9 95.5
2 1200 ≥ 1000	65.3	70.5		74 • 7 75 • 3	78.5 79.4	79.4 80.2			82.5 83.4	84.9	87.7 89.0	88.5 89.8	91.3 92.7	93.4	94.9 96.3	95.9 97.3
≥ 900 ≥ 800	65.4	71.2	72.8		79.6 79.6	80.4 80.4	81.6	83.1 83.1	83.7 83.7	86.3	89.2 89.4	90.0 90.1	92.9	95.1 95.2	96.5 96.7	97.5 97.6
2 700 ≥ 600	65.4	71.2	72.8 72.9		75.7 79.8	80.5 80.6	81.9 82.0	83.4 83.5	84.0 84.1	86.7 86.8	89.8 90.0	90.6		95.7 95.9	97.2 97.4	98.2 98.4
• 500 2 400	65.7 65.7	71.5	73.1 73.2	75 • 8 75 • 9		81.0 61.4	82.4 82.8	83.9	84.4	87.1 87.5	90.3 90.8	91.2 91.6		95 • 2 96 • 7	97.8 98.4	98.8 99.4
± 300 ± 700	65.7 65.7	71.6	73.2 73.2	75.9 75.9		81.4	82.8 82.8		84.8	87.5 87.6	90.8 90.9	91.6 91.7	94.5 94.8	96.7 97.0	98.4 98.7	99.4
	65.7 65.7	71.6	1	1 11 1			82.8 82.8		84.9	87.6 87.6	90.9	91.7	94.8	97.D	98.9 98.9	1

OTAL NUMBER OF OBSERVATIONS 93

USAF ETAC 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR GEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

77.550 EIELSON AFB AK

73-82

- MAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1400

CEILING				-			V15	IBILITY ST	ATUTE MILI	ES			•			
' FEET ;	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1:	≥1.4	≥1	≥ 4	≥`∗	≥ ;	≥ 5 16	≥ .	≥c
NO CEILING 3 20000	39.2 41 9	41.8	43.1 45.8			45.3	45.6 48.6		46.6		48.4		51.1 54.4		53.7 57.1	
≥ 18000 ≥ 16000	44.5	47.4	48.4 48.7		50.1 50.4	50.6 51.0	51.2 51.5			52.8 53.1		54.6 54.9			59.9 60.3	- 1
≥ 14000 ≥ 12000	45.9		50.0 53.9	i	51.7 55.6	52.3 56.1	52.8 56.8	- 1	53.9 57.8	54.4 58.5	56.0 60.4	56.2 60.6		i .	61.6 66.7	
≥ 1900C ≥ 900C	53.9	57.7	59.0	60.0	60.8	61.4		62.9		63.0 63.8	65.7	65.2 65.9	69.4	69.7	71.3	72.9
≥ 8000 ≥ 1000	63.4	67.3		69.8	70.6	71.4	72.C	72.9		73.8	75.7	75.9	78.4	79.7		83.D
≥ 6000 ≥ 5000	65.6	69.5	71.0	72.7	73.8		75.4	76.2	76.7	77.4	77.0		82.2	83.4		86.9
± 4500 ± 4000 ± 1500	66.9	70.8 70.8	72.5	74.5	75.1 75.8 76.1		77.4	77.6 78.4 78.7	79.3	79.8	61.8	1		85.9	86.7 87.7 88.3	89.4
2 1000	66.9	71.8	73.5	75.7	77.5		79.4	80.4	81.2	82.2	84.3	84.5	87.1	88.4	90.2	91.8
2 800	67.2		74.2	76.6	78.6		80.8	81.9	82.9		86.1		88.9	90.2	92.3	93.7
2 1500 2 1200	67.4	73.0	74.8	77.4	79.6	80.4	81.9	83.1	84.1	85.4	87.6	87.8		91.7	93.5	95.2
2 1000	67.5	73.8				81.5	83.3	84.5		86.9					95.2 95.5	
≥ 800	67.5						83.5			87.4 87.6	90.1	90.3	92.9			
≥ 600 ≥ 500 > 400	67.5		75.7		81.5	82.5		85.7	86.5 87.1	87.8 88.5	91.5	91.7	94.6	96.0		99.5
≥ 400 ≥ 300 ≥ 200	67.5	73.8	75.7	78.7	81.6	82.6	84.4	85.8	87.2	88.6	91.5	91.8	94.8	96.2	98.1	99.7
> 100	67.5 67.5	73.8	75.7	78.7		82.6	84.4	85.8 85.8	87.2	88.6	91.6	91.8	94.8	96.2	98.1 98.3 98.3	170.0

USAF ETAC 1084 0-14-5 (OL.A.) PREVIOUS EDITIONS OF THIS FORM ARE ORBORET

GLOPAL CLIMATOLOGY BRANCH LOAFETAC Alv BEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 255C EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1522-1200

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥ 1";	≥1.	≥1	≥ .	≥ >•	≥ ;	≥ 5 16	≥.	≥ ¢
NO CEILING ≥ 20000	37.6 40.9	41.1	41.5 44.9	42.4	44.1 47.5		44.2 47.7		45.5 49.0	45.8	47.4 51.0	47.7 51.3	49.6 53.1	50 · 8	51.8 55.6	53.4 57.2
≥ 18000 ≥ 18000	43.3	47.0	47.8					51.9 52.9		52.4 53.3	54.0 54.9	54.3 55.3	56.1 57.1	57.3 58.3	58.6 59.6	60.2
≥ 14000 ≥ 12000	45.1 47.3	48.7	49.6 51.9				52.5 55.1	53.7 56.2	53.9	54.1 56.8	55.7 58.4	56.0 58.7	57.8 60.5	59.0 61.7	60.3 63.0	
≥ 10000 ≥ 9000	52.0 53.8	56.0 58.0	57.0 58.9	58 • 0 59 • 9		60.2 62.3	60.3		61.7	62.3	63.9 65.9	64.2		67 • 2 69 • 2	68.5	
≥ 8000 ≥ 7000	58.7 62.8	63.1	7	65 • 2 69 • 4		67.5	67.6 72.0	68.8	69.0 73.8	69.6	71.2 75.9	71.5	1	74.5 79.4	75.8 80.6	77.4 82.3
≥ 6000 ≥ 5000	63.4 54.9	67.8		70.1 72.0			72.8	74.3 76.2			76.9 79.0	77.2		80.3 82.6	81.5 69.3	63.2 85.6
≥ 4500 ≥ 4000	65.2 66.0	70.0	!	73.1 74.6				77.6	78.1 79.8	78.7 83.4	80.4 82.2	80.8 82.5	82.8	84.D	85.4 87.4	87.0 89.0
≥ 3500 ≥ 3000	66 - 7 66 - 2	71.0	I - I	74 • 6 75 • 8			78.5 83.0	80 • 1 81 • 8	8D.5		:	83.2		86.8 88.5	88.2 89.9	89.8
≥ 2500 ≥ 2000	66.2 67.0			75.9 76.7				82.4 83.6	82.8 84.2		85.2 86.6	85.5	87.8 89.2			92.0 93.4
. ≥ 1800 ≥ 1500	67.0 67.0	72.1 72.1				-	82.0 83.3	84 • 5 85 • 9	_	85.6 87.0		87.6	90.0 91.6			94.2
≥ 1200 ≥ 1000	67.0 67.2	73.0 73.2	74.8	77.6 77.8								90.2			95.2 95.1	96.8 97.7
≥ 900 ≥ 800	67.2	73.2	1	77.8		83.U	84.7	87.4 87.6		88.7		91.3 91.6		ī	1 1	97.8
≥ 700 ≥ 600	67.2 67.2	73.2		77.8		83.0 83.0	84.8		88.2 88.2		91.4 91.5	91.8	•		' I	98.4 98.5
± 500 ≥ 400	67.2 67.4	73.2	1	78.0 78.2			85.1	88.1	88.6	89.6 90.1	91.9 92.5	92.4	94.7 95.3	•	97.3 97.8	98.9
2 300 2 200	67.4	73.4	75.3 75.3	78.2 78.2			85.5 85.5	88.7 88.7	89.2 89.2	90.2		93.0	95.4 95.4	96.6		99.7
> 136 2 0	67.4	73.4	1	78 • 2 78 • 2		83.5	85.5		89.2	90.2			1	96.6 96.6	1 1	100.0

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY STA	NTUTE MIL	E5						
FEE!	≥10	≥6	≥ 5	≥4	≥ 3	≥2.	≥ 2	≥1;	≥1.	≥١	2.	≥ `•	ž :	≥ 5 16	≥ •	≥¢
NO CEIUNG ≥ 20000	35.3 38.1							50 - 1 52 - 4						56.2 58.5	57.3 59.8	
≥ 18000 ≥ 16000	40.5	48.4			52.6 53.3	53.1 53.9				57.4 58.2			61.2		62.5	
≥ 14000 ≥ 2000	41.6	49.5				54.2		56.1 58.5			60.3 62.7			62.3	63.5	64.6
200001 ≤ 2000 ≤	48.8 50.0				61.7		62.9		65.5	66.5	68.4	68.6			71.6	
≥ 8000 ≥ 7000	54.3	63.4	64.9 68.1					70.4 74.2	71.7	72.8				76.6 80.4		
2 6000 2 5000	57.5 58.5	67.3	1		72.7	73.2	73.9			78 - 1 79 - 4			81.1		83.1	_
≥ 4500 ± 4000	58.6 59.1		71.5	72.6		75.7	76.3	78.2	79.5	80.6	82.5		83.7			86.8
2 3500 2 €000	60.0	71.1	1 1	75.3	78.D	78.6 79.5	79.2		82.5	83.7		85.7	85.9	87.6		90.0
2500 2000	63.4 61.3	72.0	- 1	76.5 77.8		,		82.9 85.3	84.2 86.6	85.4					90.6	
: 1800 2 1500	61.2	73.4	76.5		81.2		83.3			88.1	89.9		91.3	92.0	93.3	94.4
2 →200 2 →1000	61.8	74.1			83.1	83.9	85.9		89.7	93.9			94.2	94.9	96.2	97.3
≥ 900 ≥ 800	61.8		77.8	79.9	84-1	84.8	87.1	89.6	90.9	92.2		94.4		96.3		98.9
2 700 ≥ 600	61.8	74.5	77.8	79.9	84.1	84.8	87.1		90.9	92.2		94.4	95.6	96.3	97.7 97.7	98.9
.: 500 ≥ 400	61.8 51.8	74.5	77.8 77.8			84.8		89.6	90.9	92.2	94.2	94.4		96.3	97.7	98.9
2 300 2 200	51.8 51.8	74.5	77.8 77.8			85.1	87.5	90.2 90.2	91.6	93.D			96.6		98.8	
> 00 2	61.8				84.3	85.1 85.1	87.5	90.2	91.6	93.0	95.2	95.4	96.6	97.3	98.8 98.8	

USAF ETAC CON 0-14-5 (OL A) PREVIOUS ED

GLUBAL CLIMATOLOGY BRANCH SEAFETAC ASS AFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650

EIELSON AFB AK

73-82

- دهای

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> ~1885-5300</u>

CEILING							v15	IBILITY STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1 :	≥1.	١چ	2 •	₹.,	≥ .	≥5 10	≥ •	≥c
NO CEIUNG ≥ 20000	37.2 38.9	45.2				51.3 53.1		53.9 55.7							62 - 4 64 - 2	
≥ 18000 ≥ 16000	40.6	49.2			54.9 55.2			58.1 58.3		60 • 1 60 • 3			65.1 65.3			66.9
≥ 14000 ≥ 12000	41.4	50.0			55.7 57.7		56.5 58.5						65.8 67.8		67.4 69.5	67.6 69.7
≥ 10000 : ≥ 9000	47.3	56.5 58.4	60.8	61.7	62.3 <u>64.2</u>	64.7	64.9	67.3	68.8	69.4	72.3	72.7	74.3	75.2	74.0 75.9	76.1
≥ 8000 ≥ 7000	54.3 56.3	63.8 65.8	68.3	59.2	69.9 72.5	73.1	73.2	75.6	77.1	77.6	80.5	81.0	82.6	83.4	81.6 84.2	54.4
≥ 6000 ≥ 5000	57 .3	66.9	71.8	72.9	73.7 75.1	76.7	76.9	79.2	80.8		84.2	84.6		37.1	85.4 87.8	38.1
2 4000 2 4000	59.7 63.0	70.5	73.8	74.8		78.9	79.2	81.6	83.1		86.6	87.3	88.6	89.5	89.2 90.2	90.4
1500 1 100	50.4 50.4	71.1	74.7	75.8	79.1 80.1	80.6	81.1	83.4	84.9	84.4	88.4	88.8	97.5	91.4	91.0 92.2	92.4
> 2500 - 2005 - 800	9 11 5 1 0 1 0 1	72.6	76.3	77.5	82.0	52 a b	83.3	85.8	87.3	87.8	90.B	91.2	92.9	93.8	92.5	94.7
3 39 3 3 3x	61.1 61.9	72.9 73.2	17.5	78.7	83.2	83.8	84.7	87.2 97.6	88.7	89.2	92.2	92.6	94.3	95.2	94.8	96.1
* YR	61.6		78.	79.2	84.0	84.5	86.1	89.D	90.6	91.3 91.5	94.3	94.7	96.5	97.3	96.7 98.1 98.4	98.3
2 BIX	51.7	73.8	78.1	79.4		84.6	86.3	89.2	90.9	91.5	- :	95.1	96.5	97.6		98.6
	01.1	73.6	78.1	79.4		84.6	86.3	89.5	91.1	91.7	94.8	95.3	97.5	97.8	98.6	98.8
± 40K	61.7	73.8	78.1	79.4		84.6	86.3	89.6	91.2	91.6	94.9	95.4	97.1	98.0		98.9
2 200	61.7	73.8	78.1		84.1	84.6		89.9	91.5	92.4	95.6	96.2	97.8	98.7	99.7	99.9
	31.9				84.2										99.3	

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 4 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM, ARE DISOLETE

GLIBAL CLIMATOLOGY BRANCH LSAFETAC ALE MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 3650 EIELSON AFB AK

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY STA	ATUTE MILI	ES				-		
! FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1 ;	21.	≥1	≥ .•	≥:₁	≥ ;	≥ 5 16	≥.	≥0
NO CEIUNG ≥ 20000	37.9 40.0		45.3	46.0 48.3	47.7 50.1			50.1 52.6	50.8 53.3	51.9 54.4	54.0 56.6		56.5 59.0			
≥ 18000 ≥ 15000	41.9 42.3	46.0 43.5		50.5 51.1	52.3 52.8					56.6 57.2			61.3 61.8			
≥ 14000 ≥ 2000	42.9	49.2 51.8	50.7 53.3		53.5 56.1			56.0 58.7		57.8 60.5			62.5 65.3			
≥ 19000 ≥ 9900	49.7	56.4 58.1		59.0			1	63.4		65.2 67.0			70.0 71.8	1		
≥ 8000 ≥ 2000	50 • 2 58 • 5	63.7 66.1				68.7 71.5	- 1			72.7 75.7					79.8 82.7	
≥ 6000 ≥ 5000	59 .3 63 .6	67.0 68.5			1	72.6 74.4	75.1	76.8	77.5		81.1	81.5	83.7	84.9	84.0 86.0	84.8
2 4500 2 4000	61.0	59.3 59.9	- 1		1	75.6 76.7	77.4	79.2	80.0		83.7		85.0 86.3		87.3 88.6	98.1 89.3
2 3500 2 1000	61.7 61.9	73.3 70.9	73.1	74.9	77.9	77.4 78.5	79.4	80.0 81.3	82.1	83.4	84.5 85.8		88.4	89.6		91.4
2500 2000	62.3	71.3 72.3	74.3	76.2	79.5	80.2	81.3	83.3		85.5	86.6	88.2	89.2 90.5	91.7	92.3	93.5
2 1800 2 1500	62.3	72.2	75.3	77.4	81.0		83.0	85.2	86.0	87.4	88.3	93.2	92.5	93.7	94.8	
2 1000	52.8 62.9	73.3	75.9	78.2	82.2	82.3 83.1	84.7	87.1	88.0	89.4	90.7 92.0	92.3	94.6		97.0	97.7
2 900 2 800	62.9	73.4		78.4	82.5	83.4	85.1	87.5	88.2	89.9	92.3 92.5	92.8	95.1	96.3	97.2	98.2
3 700 2 600	63.0 63.0	73.4 73.4	76.1	78.5 78.5 78.7	82.7	83.5 83.6 83.9	85.4	87.8	-	90.2	92.8 92.9 93.4	93.3	95.6	96.8	97.8 98.3 98.5	98.7
2 500 2 400 2 300	63.1	73.6	76.3	78.8 78.8	83.2	84.2		88.5		91.0	93.7	94.0	96.4	97.6	98.8	
2 200	63.1	73.6	76.3	78.6	83.2	84.2	86.0	88.6	89.6		93.9	94.3	96.7	97.9	99.1	99.9
	53.1	73.6				,			-	- 1			96.7			F

USAF ETAC 1100 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH USUFETAC AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000-0200

CEILING				- <u>-</u>			VIS.	BILITY ST	ATUTE MILI	ES.						
l feet	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.7	≥ 2	≥17,	≥1.	ا≤	≥ .	≥ >⁄4	≥ າ	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	45.9 46.7	56.9 57.7		59.9 60.8		61.9		64.2 65.0	64.4	65.1 66.0	66.2 67.3	66.5 67.4		67.3 68.1	67.3 68.1	67.3 68.1
≥ 18000	47.5 47.8		63.5 60.9	61.8 62.2		63.8 64.2	65.0 65.4	66.1 66.4	66.3 66.7	67.3 67.4	68.1 68.4	68-4 68-8		69.1 69.5	69.1 69.5	69.1 69.5
≥ 14000 ≥ 12000	48.1 50.1	59.5 61.5	61.2 63.2	62.5 64.5	64.4	64.5 66.5	65.7 67.7	66.8 68.8	67.D	67.7 69.7	68.8 70.8	69.1 71.2	69.9 71.9	69.9 71.9	69.9 71.9	59.9 71.9
≥ 10000 ≤	53.3 54.7	65.5		68.6 70.0	70.4 71.9	70.6 72.0	71.7 73.2	72.8 74.2	73.0 74.5	73.8 75.2	74.8 76.2	75.2 76.6	75.9 77.3	75.9 77.3	75.9 77.3	75.9
≥ 8000 ≥ 1000	56.5 59.3	69.1 72.3	70.9 79.5	72.2 75.8	74.5 78.0	74.6 78.1	75.8 79.3	76.8 80.4	77.1 80.5	77.9 Bl.4	79.0 82.5	79.3 82.9	80.0 83.6	80.0 83.6	80.0 83.6	
≥ 6000 ≥ 5000	59.6 61.9	72.7	77.8	76 • 1 79 • 1	78.4 81.3	78.5 81.4	79.7 82.6	80.7 83.7	81.0 83.9	81.8 84.8	82.9 85.8	83.2 86.2		83.9 86.9	83.9 86.9	83.9 86.9
4500 4000	63.0 63.0	77.2 77.4	79.1	80.7 81.1	83.d 83.3	83.1 83.5	84.3 84.6	85.3 85.7	85.6 85.9	86.4 86.8	87.5 87.8	87.8 88.2	88.5 88.9	88.5 88.9		88.5 88.9
≥ 750u ≥ 3000	63.2	79.6	82.0	81.4 83.6	83.7 86.1	83.6 86.2	87.4	86.1	86.3 88.7	87.1 89.5	88.2 90.5	88.5 90.9	91.6	89.2 91.6	91.5	91.6
250C 200C	65.6	81.4	83.2	85.6	88.1	87.5 88.2	89.4	89.7 90.4	90.0 90.7	93.8	91.8 92.6	92.9	93.6	93.6		93.6
2 500	66.0		84.4		89.4	88 • 5 89 • 5	91.1	90.8 92.2	91.0 92.4	93.4	92.9	93.3		95.5	95.5	
2 200	66.0	82.6	85.2	87.5	91.5	91.7		94.4	94.8	96.D	97.0	97.4	98.1	98.1	98.1	98.1
≥ 800 ≥ 800	66.0	82.6	85.2	87.5	91.5	91.7	93.4	94.7	94.8 95.0	96.3	97.5	97.9			98.6	98.6
≥ 700 ≥ 600	66.0	82.7	85.3	87.6 87.6	91.6		93.5	94.9	95.3	96.6	97.6 97.8	98.0 98.1	98.8	98.7 98.9	98.7 98.9	95.9
2 500 2 400 2 300	66.0	83.0	85.6		91.8	92.1	93.7	95.2	95.5	96.8	98.D	98.3	99.1	99.4	99.4	99.2
200	66.1	83.0 83.0	85.6	87.8	92.0	92.2	93.9	95.3	95.6	96.9	98.1	98.5 98.5	99.2	99.5	99.5	99.5
<u> </u>	66.1 66.1	83.0			· ·	92.2 92.2	1	95.3 95.3	95.6 95.6	I	98.5 98.5	98.8 98.8	99.6	100.0	100.0	

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS SOTTIONS OF T

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 265C EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI5	BILITY ST	ATUTE MIL	E S						
FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1′2	≥1'₄	21	≥ 4	≥ ,•	≥ :	≥5 16	٤.	≥0
NO CEILING ≥ 20000	43.4	53.8 53.8	55.0 55.8	55.7 56.5	56.9 57.7	57.2 58.0	58.2 59.0	59.7 60.5	59.9 60.8	61.0 61.8	61.7 62.5	62.2 63.0	_		63.4	63.4
≥ '6000 ≥ 18000	45.2	55.0 55.2			58.9 59.1	59.2 59.5	60.2 60.4	61.7	61.9 62.2	63.D	63.7 63.9	64.2 64.4	65.0 65.2	65.2 65.5	65.4	65.4
≥ 14000 ≥ 12000	45.6	55.6 58.2	57.6 60.2		59.5 62.1	59.8 62.4	60.8 63.4	62.3 64.9	62.5 65.1	63.6 66.2	64.3 66.9	64.8		65.8 68.4	66.0 68.6	66.D
≥ 10000 ≥ 9000	50.6 51.9	61.6 63.0	63.6	65.7	65.5 66.9	65.8	66.8 68.2	68.3 69.7	68.6 70.0	69.6 71.0	70.3 71.7	70.8 72.2	71.6 73.D	71.9 73.3	72.0	72.0
≥ 8000 ≥ 7000	55.1 58.2	66.9 70.6		73.6		71.2 75.2	72.1 76.1	73.6 77.7	73.9 77.9	74.9 79.0	75.7 79.7	76.1 80.1	77.0 81.0	77.2 81.2	77.3 81.3	1
≥ 6000 ≥ 5000	58.7 63.5	71.2 73.6	75.9	76.7	75.4 78.0	75.8 78.4	76.7 79.3	78.3	78.5 81.1	79.6 82.2	80.3 82.9	80.7	81.6	81.8	84.5	84.5
≥ 4500 ≥ 4000	61.6	74.7	77.7	77.8	79.0	79.6 80.3	80.5	82.7	83.0	83.3 84.0	84.C 84.8	84.5		85.6	85.7	96.4
2 3500 2 3000	63.4 63.4	76.5 78.0 79.1	79.9 80.6	79.8 81.6 82.9	81.2 83.5 84.9	81.6	84.9	84 - D 86 - 4 87 - 8	84.3	85.3 87.7	86.1 88.4 89.8	86.5 88.9	87.4	90.0	90.1	90.1
≥ 2500 ≥ 2000 ≥ 3000	54.5	79.8 79.9	82.4	83.8	85.8 85.9	85.3 86.3	86.3 87.2 87.6	88.8	88.1 89.0	89.1 90.1	89.8 90.8 91.1	90.3 91.3	91.1 92.1 92.4	91.4 92.3 92.7	91.5 92.4 92.8	92.4
≥ 1500 ≥ 1200	54.7	80.0	82.7	84 • 6 85 • 0	86.9	87.6	88.9	90.4 90.8	90.7	91.7	92.4	92.9		94.0	94.1	94.1
≥ 1000	54.7	80.5	83.7 83.7	85.7	88.3	89.1	90.7	92.3		93.7	94.4	94.9	95.7	96.0	96.1	96.1
≥ 800	64.7	80.7	83.7 83.9	85.7	86.3	89.1	90.7	92.3		93.9	94.6	95.7	95.9	96.1	96.2	96.2
≥ 600	54.7 64.7	80.7 80.7	83.9	85.9 85.9	88.7	89.5	91.5	93.4	93.6	94.8 95.3	95.5 96.0	96.5		97.8	97.9 98.3	97.9
≥ 400 ≥ 300	8 . 43	81.D	84.4	86.3	89.1	90.1 90.5	92.0 92.4	94.4	94.4	95.9	96.6	97.5	98.7	98.8	98.9	98.9
≥ 200 ≥ 200	8 . 43	81.2	84.4	86.5	89.5	90.5	92.4	94.4	94.9	96.3	97.0	97.5		99.4		99.6
	64.8	81.2	84.4	86.5	89.5	90.5	92.4	94.4	94.9	96.3	97.3	97.5	98.8	99.4	99.8	100.0

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702650

EIELSON AFB AK

73-82

FEB.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> បទីបីវី-បទ១០</u>

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥4	≥3	≥2 7	≥2	≥17;	≥1.	≥1	≥ ≒	239	≥ ,	≥5 10	≥ .	≥0
NO CEILING ≥ 20000	39.4 43.1	46.5	47.9 48.7	49.1		50.4 51.2	50.7 51.5	52.D 52.B	52.4 53.2	53.4	54.7 55.6	55.2 56.0		57.0 57.8	58.2 59.3	
≥ 18000	41.7 42.0	48.9		51.7 51.9		53.0 53.2	53.3 53.5	54.6 54.8	55.0 55.2	56.D	57.3 57.6	57.8 58.0		59.6 59.8	60.8 61.0	60.9 61.1
≥ 14000 ≥ 12000	42.3	49.5 52.7	51.1 54.3	52.2 55.4		53.5 57.2	53.9 57.6	55 • 2 58 • 9	55.6 59.2	56.6 60.4	57.9 61.7	58.4	60.2 63.9	60.2	61.3	61.5 65.2
≥ 9000 ≥ 9000	48.6 49.5	57.1 58.4	58.6 59.9	59.8 61.1	61.0 62.4	61.6 63.0	61.9 63.4	63.2 64.7	63.6 65.0	64.8	66.1 67.5	66.5 68.0	68.3	68.3 69.7	69.5 70.9	69.6 71.6
≥ 8000 ≥ 7000	54 • 7 58 • 3	64.4	66.2 70.3	67.4	68.8 72.9	69.4 73.5	69.7 73.9	71.0 75.2	71.4 75.5	72.6	73.9 78.0	74.3 78.5	76.1 83.3	76.1 80.3	77.3 81.4	77.4 81.6
≥ 6000 ≥ 5000	59.1 61.6	69.0	1	72.5 76.1	73.9 77.5	74.5 78.1	74.8 78.5		76.5 80.1	77.7 81.3	79.0 82.6	79.4 83.1	81.2	81.2	82.4 86.1	82.5. 86.2
≥ 4500 ≥ 4000	62 .1	73.2 74.8	75.5 77.4	77.1 79.0	78.8 80.7	79.4 81.3	79.8 81.7	81.1 83.0	81.4	82.6	84.0 85.9	84.5	86.3 88.2	86.3 88.2	87.5 89.4	87.5 89.5
≥ 3500 ≥ 3000	63.1 63.5	75.3 76.1	78.0 79.2	79.6 80.7	81.3 82.7	81.9 83.3	82.3 83.8	83.6 85.1	83.9 85.5	85 - 1 86 - 6	86.5 88.1	87.D	88.8	8.88 Z.09	90.0 91.5	90.1 91.6
≥ 2500 ≥ 2000	64.2 64.5	76.8	80.1 80.6	81.7 82.4	83.7 84.6	84.3 85.2	84.8 85.7	86 • 1 87 • 1	86.4	87.6 88.7	89.0 90.1	89.5 90.5	91.3 92.4	91.3 92.4	92.4 93.6	92.6 93.7
≥ 1800 ≥ 1500	64.5 64.5	77.2	80.6 81.1	82.9 83.3	85.1 85.6	85.7 86.4	86.2 87.5	87.7 89.2	88.1 89.6	89.2 93.8	90.7 92.2	91.1	93.0	93.0	94.2 95.7	94.3 95.9
≥ 1200 ≥ 1000	64.7	77.7 78.0	81.6 81.9	83.9 84.3	86.3 86.6	87.1 87.5	88.2 88.5	90.0 90.3	90.3 90.7	91.5 91.8	92.9 93.3	93.4	95.3 95.6	95.3 95.6	96.5 96.8	96.6 96.9
≥ 900 ≥ 800	64.7	78.0	81.9 81.9	84.3	86.6 86.6	87.5 87.5	88.7 88.7	90.4 90.4	90.6 90.8	92.0	93.4 93.4	93.9	95.7 95.7	95.7 95.7	96.9 96.9	97.0
≥ 700 ≥ 600	64.7 54.7	78.0		84.3	86.6 86.8	87.5 87.6	88.8	90.5 90.8	90.9	92.1	93.5 93.9	94.0	96.0	96.1 96.6	97.4	97.6 98.1
≥ 500	64.7 64.8	78.0 78.4	81.9 82.3	84.3	86.9 87.4	87.7 88.2	89.0 89.5	90.9 91.4	91.3 91.7	92.7 93.1	94.1 94.6	94.6	96.8 97.3	97.0 97.6	98.3 99.2	98.6
≥ 300 ≥ 200	64.8 64.8	78.4	82.3	84.8	87.4	88.2 88.2	89.5	91.4	91.7 91.7	93.1 93.1	94.6	95.0	97.3	97.6 97.6	99.3	99.6
≥ 100	64.8 64.8	78.4 78.4	82.3	84.8	87.4	88.2 88.2		91.4 91.4	91.7 91.7	93.1 93.1	94.6	95.0	97.3			99.8

OTAL MIMBER OF CREEKATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS SOLTIONS OF THIS FORM ARE ORBOTE

GLIBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

752650

ETELSON AFB AK

73-82

FE3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES:						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥17;	≥1.	≥1	≥ ¹ •	≥ '•	≥ ∵	≥516	≥ .	≥0
NO CEILING ≥ 20000	39.8 43.9	43.7				47.4	47.9 49.1		49.3 50.5		52.1 53.3	52.4 53.5			55.7 56.9	56.1 57.3
≥ 18000 ≥ 16000	43.6 44.9	47.8		50.2 51.5		51.8 53.1	52.2 53.5	53.7 55.0					59.6	60.0	60.2 61.5	
≥ 14000 ≥ 12000	45.9 49.6	50.2 54.3	51.8 55.9			54 - 3 58 - 4		60.3	60.3	61.9	63.1	63.4	65.0	65.5	62.6	
≥ 10000 1 ≥ 9000	54.8 56.3	59.6 61.0	62.8		65.1	63.9		67.3	67.3		70.1	70.3	72.0	72.5	73.9	74.3
≥ 8000 ≥ 7000	59.7 62.9	64.8	70.9	72.0	73.5	69.9 73.8	74.6	76.1	72.2	77.8	79.0	79.2	80.9	81.3	82.7	79.3 83.2
≥ 6000 ≥ 5000	66.Z	72.0	74.5	73.4 75.5	77.8	75.2	7. 4	80.6	77.5 80.6	82.4	83.6	83.8	85 - 5	85.9	87.4	87.8
> 4500 ± 4000	67.1	73.0	77.3	79.0	81.3		82.6	84.4	81.9	86.2	87.5	87.7	89.4	89.8	91.3	
2 3500 2 3000	68.1	75.5	79.3	80.0	83.2	82.6		86.5	85.7 86.8	87.6	90.2	90.4	90.8 92.1 92.7	92.6	94.3	93.1 94.4 95.0
2500 2000	68.6 69.0	76.2	79.7		84.6	84.9 84.9	85.2 86.1 86.1	87.1 87.9	87.4 88.2 88.2	1	91.6	91.0 91.8 91.8	93.5	94.0	95.4	95.9
2 500	69.3	77.0	1	82.2 82.5	85.0	85.2	86.4	88.3	88.5	90.7	92.1	92.3	94.0	94.6	96.0	
≥ 1000	69.3	77.4	80.6	83.0	85.8	86.3	87.6	89.6	89.8	92.0	93.4	93.6	95.5	96.1	97.5	98.0
≥ 800 700	69.3	77.4	80.6	83.0	85.8	86.3	87.6	89.6		92.0		93.6		96.1	97.5	98.2
≥ 500	69.3	77.5	80.7	83.1	85.9		87.7	89.7	90.0		94.1	94.3	+		98.3	99.2
≥ 400	69.3	77.1	80.9	83.2	86.1	86.5			90.1	92.5		94.6	96.5			
2 200	69.3	77.1					87.9	90.0		92.8	94.4			97.6	99.1	99.9
	69.3	77.1	81.0	83.3	86.2	86.6	87.9	90.0	90.2	92.8	94.4	94.8	96.9	97.6	99.1	100.0

TAL NUMBER OF ORSERVATIONS 846

USAF ETAC 10164 0-14-5 (OL A) INEVIOUS EDITIONS OF THIS FORM ARE ORBOLET

GLEBAL CLIMATOLOGY BRANCH LSAFETAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

_1500-1400

CEILING							VISI	BILITY STA	TUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1:	١.	۱ ج	≥ .	≥,•	≥ 7	≥ 5 16	≥ .	≥0 .
NO CEILING ≥ 20000	51.2 53.1	55.3 57.3	56.0 58.2	56 • 5 58 • 6	56.7 58.9	57.0 59.1	57.2 59.3	57.6 59.7	57 • 6 59 • 7	57.7 59.8	58.0 6D.2	58.0 60.2	58.3 60.9	58.4 60.5	58.6 60.5	58.9 61.0
≥ 18000 ≥ 16000	57.1 58.3	61.6	62.4	62.9	63.1	63.4	63.6	63.9	63.9	64 - 1 65 - 4	64.4	64.4	64.7	64 . 8 66 . 1	65.3	65.2
≥ 14000 ≥ 12000	59.1 62.3	63.7 67.1	64.5	65 • 0 68 • 4	65.2 68.7	65.5	65.7 69.1	66 • 1 69 • 5	66.1 69.5	66.2 69.6	66.5 70.0	66.5 70.0	66.8 70.2	66.9 70.3	67.1 70.6	67.4 70.8
≥ 10000 ≥ 9000	67.1 68.7	72.1 73.6	72.9 74.5	73.4 74.9	73.6 75.2	73.9 75.4	74.1 75.7	74.5 76.0	74.5 76.0	74.6 76.1	74.9 76.5	74.9 76.5	75.2 76.7	75.3 76.8	75.5 77.1	75.8 77.3
≥ 8000 ≥ 7000	73.5 76.7	79.2 82.6	80.0 83.5	80.5 83.9	80.7 84.2	81.0	81.2 84.6	81.6 85.0	81.6 85.0	81.7 85.1	82.2 85.6	82.2 85.6	82.4 65.8	82.5 85.9	82.7 85.2	93.0 86.9
≥ 6000 ≥ 5000	77.5 78.6	83.5 84.6	84.3 85.6	84.8 86.1	85.0 86.8	85.2 87.0	85.5 87.4	85 · 8	85.8 87.7	85.9 87.8	86.4	86.4 88.3	85.6 88.5	86 - 8 88 - 7	87.0 88.9	87.2 89.1
≥ 4500 ≥ 4000	79.0 79.3	85.0 86.4	86.1 87.8	86 • 9 88 • 9	87.4	87.6	87.9 90.0	88.3	88.3 90.4	88.4 91.0	88.9 91.5	88.9	89.1 91.7	89.2 91.8	89.5 92.1	1
≥ 3500 ≥ 3000	79.6 83.0	86.9 87.5	88.3 88.9	89.4 90.5	90.0 91.3	90.2 91.6	90.5 92.0	91 • 1 93 • 1	91.3 93.4		92.3	92.3	92.6 95.2	92.7	92.9	
≥ 2500 ± 2000	80.1 80.1	87.7 87.8	89.1	90.8 90.9	91.5 91.7	91.6	92.2	93.4	93.6	94.6 94.8	95.3	95.2 95.4	95.4	95.5 95.7	95.7	;
≥ 1800 ≥ 1500	80.1 83.3	87.8	89.2 89.7	90.9 91.4	91 - 8 92 - 3	92.2	92.6 93.1	93.7	94.0		95.4	95.5 96.5	95.7 96.7	95.9 95.8	96.1 97.0	96.3
≥ 1200 ≥ 1000	80.5	E.88	90.2	92.0 92.0	92.9	93.3	93.9	95.2 95.3	95.4		97.2 97.4	97.3	97.5 98.1	97.6 98.2	97.9 98.5	98.1 98.7
≥ 900 ≥ 800	80.5 80.5	88.4	90.3	92 • 1 92 • 1	93.0 93.0	93.4	94.1	95.4	95.7	96.9 97.0	97.5 97.6	97.9	98.5 98.6	98.6 98.7	98.8	99.1
≥ 700 ≥ 600	80.5	88.4	90.3	92.2	93.0	93.4	94.2	95.6	96.D	97.2 97.3	97.8	98.1	99.1	99.2	99.4	99.6
≥ 500 ≥ 400	80.5	88.5	90.4	92.2 92.2	93.1 93.1	93.5 93.5	94.3	95.7 95.7	96.1 96.1	97.3 97.3	98.D 98.0	98.3 98.3	99.4	99.5	99.8	100.0
≥ 300 ≥ 200	80.5	88.5	90.4	92.Z 92.Z	93.1 93.1	93.5 93.5	94.3	95.7 95.7	96.1 96.1	97.3 97.3	98.C	98.3 98.3	99.4	99.5	99.8	100.0
≥ 100 ≥ 0	80.5	88.5	90.4	92.2	93.1	93.5	94.3	95.7	96.1	97.3 97.3	98.0 98.0	98.3	99.4	99.5		00.0

SLUBAL CLIMATCLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

•

7 2550 EIELSON AFB AK

73-82

FFB MONTE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VI\$	BILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1′7	≥1 4	≥1	≥ ¹ 4	≥`ı	≥ ;	≥ 5 16	≥.	≥0
ND CEILING ≥ 20000	54.7 57.2	58.0	58.3 63.8	58.3 60.8	(58.7 61.2	59.0 61.5		59.2 61.7	59.6 62.1	59.6 62.1	59.6 62.1	59.7 62.2		59.8 62.3	59.8 52.3
≥ 18000 ≥ 16000	50.6 51.2	64.1	64.3 65.2	64.3 65.4		64.8 65.8	65.0 66.1	65.2 66.3	65.2 66.3	65.6	65.6 66.7	65.6 66.7	65.7	1	65.8 66.9	55 · 8
≥ 14000 ≥ 12000	62.3 65.8	66.1 69.6	66.4 70.3	66.5 70.1	67.0 70.6	67.0 70.6	67.3 70.8	67.5 71.0	67.5 71.0	67.8 71.4	67.8 71.4	67.8 71.4	68.D 71.5	71.5	68.1 71.6	68.1 71.6
≥ 10000 ≥ 9000	71.2 72.6	75.2 76.6	1	75.7 77.1	76.2 77.7	76.2 77.7	76.5 77.9	76.7 78.1	76.7	77.1 78.5	77.1 78.5	77.1 78.5	77.2 78.6	78.6	77.3 78.7	
≥ 8000 ≥ 7000	77.3 79.4	84.0	82.0 84.4	82.2 84.5		82.9 85.5	83.1 85.7	83.5 86.1	83.5 86.1	83.8 86.4	83.8 86.4	83.8	86.5	83.9 86.5	84.3	
≥ 6000 ≥ 5000	80.5 81.3	85.6	85.9 87.9	86.1 87.2	87.1 88.5	87.1 88.5	87.4 88.8	87.7 89.1	87.7 89.1	88.1	88.1 89.5	88.1 89.5	88.2	88.2 89.6	88.3	89.7
≥ 4500 ≥ 4000	81.9 62.2	87.6	88.1 88.8	88.3	90.8	89.7 90.9	90.0	90.3 91.5	90.3	90.8		90.8	90.9	90.9	92.3	91.0
≥ 3500 ≥ 3000	82.5 82.6	88.9	89.4	90.8	92.6	91.6	93.3	93.6	92.2	92.7	92.8	92.8	92.9	94.6	93.0	93.0
≥ 2500 ≥ 2000	83.2	89.5	90.4	91.5	93.7	93.5	93.9	94.2	94.3	94.9	95.D 96.D	95.0 96.0	95.2 96.1	96.1	95.3	96.2
≥ 1500	83.2	90.1	90.8	91.7		94.5	94.9	95.3 95.6	95.4	96.0 96.3	96.1 96.6	96.1 96.6 97.2	96.2 96.7 97.3	96.2 96.7 97.3	96.3 96.8 97.4	96.3 96.8
≥ 1200 ≥ 1000	63.7 83.7	90.3	91.4 91.4	92.6 92.6		95.2 95.3	95.9 96.2 96.5	96.2 96.6	96.3 96.7 96.9	97.3	97.2 97.5	97.5	97.6	97.3 97.6 98.3	97.5	97.8
≥ 900 ≥ 800 ≥ 700	83.7	90.3	91.4	92.7	94.9	95.5	96.5	96.8	96.9	97.9	98.2	98.3	98.7	98.7	98.8	98.8
≥ 600	83.7 83.7	90.3	91.6	92.9	95.2	95.7	96.7	97.2	97.3	98.2	98.7 98.8	98.8	99.2	99.3	99.4	99.4
≥ 500 ≥ 400 ≥ 300	83.7	90.3	91.6	92.9	95.2		96.7	97.2	97.3	98.2	98.8	98.9	99.5		99.8	99.8
≥ 100	83.7	90.3	91.6	92.9	95.2	95.7	96.7			98.3	98.9	99.1	99.8	99.9		
2 0	83.7	90.3		92.9			96.7	97.2		98.3	98.9	99.1	99.8	99.9	100.0	DD.D

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE GREGIET

17

ELEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-5000

CEILING							VISI	BILITY STA	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1";	≥1.	≥1	≥ 54	5 ,∎	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	43.6 50.8	57.4 59.7	58.9 61.1	59.5 61.7	61.0	61.2	61.7	62.4	62.9	63.8 66.1	64.1 66.3	64.1	64 - 5 66 - 8	64.7	64.8 67.0	64.8 67.0
≥ 18000 ≥ 16000	52.5 53.1	61.3 62.4	62.9 63.9	63.5 64.5	65.0 66.1	65.2 66.3	65.8	66.5	67.0 68.1	68.0 69.0	68.2 69.3	68.2 69.3	68.7 69.7	68.8 69.9	68.9 70.0	68.9 70.0
≥ 14000 ≥ 12000	53 • 3 56 • 6	63.1 66.3	64.7 67.5	65 • Z 68 • 1	66 • B	67.0 69.9	67.6 70.4	68.3 71.2	68.8 71.6	69.7 72.6	70.0 72.8	70.0 72.8	70.4 73.3	70.6 73.4	70.7 73.5	70.7 73.5
≥ 10000	60.5	70.0	71.9	72.5 73.9	74.0 75.4	74.2 75.7	74 - 8 76 - 2		76.7 77.4	77.0 78.4	77.2 78.6	77.2 78.6	77.7	77.8	77.9	77.9 79.3
≥ 8000 ≥ 7000 ≥ 6000	65.1 66.8	77.4	77.3 79.6	78.0	79.6 81.8	79.6 82.0	80.4	81.1	81.6 83.8	82.5	82.7 85.0	82.7 85.0	85.5	83.3 85.6	85_7	83.5 85.7
≥ 5000 ≥ 5000	67.4	78.5 79.3 80.7	80.6 81.6 83.0	81.3 82.5 84.0	82.9 84.4 85.9	83.1 84.6 86.2	83.7 85.2 86.8	84.4 85.9	84.9 86.9 87.9	85.8 87.4 88.9	86.1 87.6 89.1	86.1 87.6 89.1	86.5 88.1 89.6	86.6 88.2 89.7	86.8 88.3 89.8	86.8 88.3 89.8
≥ 4000 ≥ 3500	69.7 70.3	81.6	84.0 64.9	85.2 86.2	87.2 88.3	87.7 88.8	88.3 89.4	89.D	89.5 90.7	90.4	90.7	90.7		91.3	91.4	91.4
2 3000 ≥ 2500	70.8 71.4	83.0	85.8 87.2	87.1	89.2 90.7	89.7 91.1	90.3	91.1	91.6	92.6	92.8	92.8		93.4	93.5	93.5
≥ 2000 ≥ 1800	71.7	84.8	87.8	89.1	91.7	92.4	93.0 93.1	94.D	94.4	95.5 95.5	95.6 95.7	95.6 95.7	96.1 96.2	96.2 96.3	96.5	96.5
2 1500 ≥ 1200 ≥ 1000	71.7	84.8	88.3	89.5	92.1	93.4	94.4	95.4	95.5 95.9	96.5 96.8	96.7 97.0	96.7 97.0	97.2 97.5	97.3 97.6	97.4 97.8	97.4 97.8
≥ 1000 ≥ 900 ≥ 800	71.7	84.8	88.3	90.0	92.6	93.5	94.6	95.5 95.7	96.0 96.2	96.9	97.5	97.2		97.8 98.1	97.9 98.2	97.9 98.2
≥ 700 ≥ 600	71.7 71.7 71.7	84.9	88.7 88.7	90.0 90.3	92.8 93.1 93.1	93.7 94.1 94.1	94.8 95.2 95.2	95.7 96.1 96.1	96.5 96.6	97.3 97.6	97.6 98.0	97.6 98.0	98.1 98.5 98.5	98.5 99.1	98.6 99.2 99.2	98.6 99.2 99.2
≥ 500 ≥ 400	71.7	84.9	88.7 88.7	90.3	93.1	94.2	95.3	96.2	96.7	97.8	98.3 98.5	98.3 98.5	98.8 98.9	99.4	99.5	99.5
≥ 300 ≥ 200	71.7	84.9		90.3	93.1	94.2	95.3 95.3	96.2 96.2	96.8 96.8	97.9	98.5 98.5	98.5 98.5	98.9	99.6	99.8	99.8
≥ 100 ≥ 0	71.7 71.7	84.9	88.7	90.3	93.1 93.1	94.2	95.3 95.3	96.2 96.2	96.8	97.9	98.5 98.5	98.5 98.5	99.1 99.1	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC 1004 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FOR

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71.2550

EIELSON AFB AK

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300

CEILING							VIS	IBILITY ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1%	21%	≥1	≥ :•	≥ '•	≥ %	≥5 16	≥.	≥0
NO CEILING ≥ 20000	47.5 49.2	58.6 60.3	59.5 61.1	60.9 62.5	62.4 64.1	62.5	63.1 64.8	64.2 65.8	64.7	64.7 56.3	65.0 66.7	65.D 66.7	66.2 67.8	66.4 68.1	66.4 68.1	66.4 68.1
≥ 18000 ≥ 16000	50.5 50.6	61.6 62.3	62.4	63.8 64.5	65.5 66.2	65.6 66.3	66.2 66.9	67.3 68.D	67.7 68.4	67.7 68.4	68.1 68.8	68.1 68.8	69.3 70.0	69.5 70.2	69.5 70.2	69.5 70.2
≥ 14000 ≥ 12000	50.9 53.5	62.6 65.2	66.1	64.9 67.5		66.7 69.3	67.3 69.9	68.3 70.9	71.4	71.4	69.1 71.7	71.7	72.9	70.6 73.2	70.5 73.2	73.2
≥ 10000 ≥ 9000	56.7 58.3	70.6	71.4	71.3 72.8		73.0 74.6	73.6 75.2	74.7 76.2	75.2 76.7	75.2 76.7	75.5 77.1	75.5	78.3	77.0 78.5	77.0 78.5	78.5
≥ 8000 ≥ 7000	63.8	74.2	78.3	79.8	78.4 81.4	78.5 81.6	79.1 82.2	80.1 83.2	80.6 83.7	80.6 83.7	81.0 84.0	81.0 84.0	85.2	82.4 85.5	82.4 85.5	85.5
≥ 6000 ≥ 5000	65.2	77.8	80.6	82.2	82.4 84.D	82.5 84.2	83.1	84.2 85.8	84.6 86.3	84.6	85.0 86.6	85.D	87.8	86.4	86.4	86.4
≥ 4500 ≥ 4000	66.2 66.5	80.4	83.1	83.6 84.6	85.5	85.6	86.2	87.2	87.7 88.6	87.7 88.8	88.1	88.1			89.5 90.5	90.5
≥ 3500	67.5	82.5	85.5	85.9 87.1	87.9	88.1	88.7	89.7	90.2	90.2	90.5 91.7	90.5	92.9	92.0	93.1	
≥ 2500 ≥ 2000	69.3 70.0	84.8 85.7	85.6	89.2		90.4 92.0	91.0 92.6	92.1 93.6	92.6 94.1	94.1	92.9	92.9	94.1	94.3	95.9	
≥ 1800 ≥ 1500 ≥ 1200	70.0 70.0	86.2	87.6 88.1	89.2 89.8 90.0	- 1	92.8 92.8	92.6 93.7 94.0	93.6 94.8 95.0	95.3		94.4 95.6 95.9	94.4 95.6 95.9	95.6 96.8 97.0	95.9 97.3		
≥ 1000	70.0	86.4	88.3	90.3	93.D	93.7	94.7 94.7	95.9	96.3	96.3	96.7 96.9	96.7	97.9	98.1 98.3	97.3 98.1 98.3	97.3 98.1 98.3
≥ 800	73.0	86.4	88.4	90.3	93.C	93.7	94.7	95.9	96.5		96.9	96.9	98.1	98.3	98.3 98.9	98.3
≥ 700 ≥ 600 ≥ 500	70.0	86.4	88.4	90.4		93.9	94.8	96.1 96.1	96.7	96.9	97.3	97.3	98.5	98.9	99.3	99.3
≥ 400	70.0	86.6	88.7		1	94.4	95.4	96.7	97.3	97.5	97.9	97.9		99.5	99.9	99.9
2 200 2 100	70.0	86.6	88.7	90.7	93.7	94.4	95.4	96.7	97.3	97.5	97.9	97.9	99.1	99.6		100.0
2 0	79.0			90.7	93.7	94.4			97.3			97.9		99.6		100.0

TAL MIMBER OF ORSERVATIONS 84

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL:3AL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 265C EIELSON AFB AK

73-82

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

---ALL

CEILING							VI5	BILITY STA	ITUTE MILE	E 5						
FEET	≥10	≥6	≥ 5	≥4	≥3	≥2:	≥ 2	≥1::	≥1.	≥1	≥ 4	≥¹>	≥ :	≥ 5 16	≥ .	≥c
NO CEILING ≥ 20000	46.3	53.7 55.2	54.9 56.4	55 • 7 57 • 2	56 • B	57.0 58.6	57.6 59.1	58.6 60.1	58.8 60.3	59.5 61.1	60.2	60.4	61.2 62.8	61.4 62.9	61.9	61.8
≥ 18000 ≥ 16000	49.8 50.4	57.4 58.1	58.7 59.4	59.5 60.3	60.6	60.6 61.6	61.4 62.2	62.4	62.6	63.3 64.1	64.5 64.8	64.2	65.0 65.8	65.2 66.0	65.6 66.4	65.7 66.5
≥ 14000 ≥ 12000	51.0 53.8	58.8 61.8	60.1 63.1	60.9 64.0	1 = 1	62.3	62.9 66.0	63.8	64 • 1 67 • 2	64.8	65.4 68.6	65.6 68.8	66.5	66.6 69.8	67.3 70.2	67.1 70.3
≥ 10000 ≥ 9000	57.9 59.2	66.3	67.6 69.1	68.5 69.9	69.7 71.1	69.9 71.4	70.5 71.9	71.5 72.9	71.7	72.4	73.1 74.5	73.3 74.7	74 • 1 75 • 6	74.3 75.7	74.7 76.1	74.8
≥ 8000 ≥ 7000	62.9 65.7	72.0 75.1	73.4 76.8	74.3	75.7 79.0	75 7 79.3	76.5 79.9	77.5 80.9	77.7 81.1	78.5 81.9	79.2 82.5	79.3 82.7	80.2 83.6	80.4 83.7	80.9 89.1	BD.9
≥ 6000 ≥ 5000	66.5	76.0 77.9	1 1	78 • 6 80 • 7	80.0 82.3	80 • 2 82 • 5	80.9 83.2	81.8	82 - 1 84 - 4	82.8	83.5 85.9	83.7 86.1	84.6	84.7 87.1	85.1 87.5	85.2 87.6
≥ 4500 ≥ 4000	68.7	79.0	1 - : - 1	81.9 83.2	83.6	83.8	84.5 85.8	85.5	85.7 87.1	86.5 88.0	67.2 88.7	87.4 88.9	88.2 89.7	88.4	90.3	88.9
2 3500 2 3000	69.6 70.2	80.7 81.6	82.7 83.9	84.0 85.3	85.8 87.2	86 • 1 87 • 5	86.7 88.3	87.8	88.1 89.7	88.9 90.7	89.6 91.4	89.8 91.6	90.7	90.9 92.6	93.0	91.4 93.1
≥ 2500 ≥ 2000	70.7 71.1	82.9		86.2 86.8	88 • 2 89 • 0	86 • 5 89 • 4	89•2 90•1	90.4	90.7 91.6	91.6 92.6	92.3 93.3	92.5 93.5	93.4	93.6 94.5	94.0	95.D
≥ 1800 ≥ 1500	71.2 71.2	83.1	85.6	87.0 87.4	89.1 89.7	89.6 90.2	90.3 91.3	91.5 92.5	91.8 52.8	92.8 93.8	93.5 94.5	93.7 94.8	94 • 6 95 • 6	94.7 95.8	95.1 96.2	95.2 96.3
≥ 1200	71 • 3 71 • 3	83.5	86.2	87.8 88.2	90.7	90.7	91.8 92.4	93.0 93.7	93.3 94.1	94.3 95.1	95.1 95.9	95.3 96.1	96.2 97.0	95.4 97.2	97.6	96.9
≥ 900 ≥ 800	71.3	83.6 83.6	86.2	88.2	90.8	91.4	92.5 92.6	93.8	94.2	95.3 95.4	96.0 96.2	96.3 96.4	97.3 97.4	97.4 97.6	97.5 98.0	97.9 98.1
≥ 700 ≥ 600	71.3 71.3	83.6	86.4	88.3	90.9	91.5 91.6	92.7	94.2	94.5	95.6 95.8	96.5	96.7	97.8 98.0	98.1 98.4	98.5 98.8	98.7 99.0
≥ 500 ≥ 400	71.4	83.7		88.4	91.0 91.2	91.6 91.8	92.9 93.1	94.3	94.7	95.9 96.2	96.8	97.1 97.3	98.2 98.5	98.6	99.1	99.2 99.6
≥ 300 ≥ 200 > 100	71.4 71.4 71.4	83.8 83.8	86.6	88.5 88.6	91.3 91.3	91.9	93.2 93.2	94.6	95.0 95.0	96.2 96.3	97.1 97.2 97.2	97.4	98.6 98.7 98.7	99.0 99.1	99.6	99.7
≥ 106	71.	83.8		88.6	91.3 91.3	91.9	93.2 93.2	94.6	95.D	96.3	97.2	97.5 97.5	98.7 98.7	99.2	99.7	130.0

TOTAL MINNER OF DESERVATIONS 676

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLET

GL.BAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2653 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET		VISIBILITY STATUTE MILES														
	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥117	≥1%	≥1	≥ %	≥ '1	≥ '9	≥ 5 16	2.	≥0
NO CEILING ≥ 20000	57.3 58.9	63.5			64 • 1 65 • 9	64 • 1 65 • 9	64.1 65.9		64.1 65.9	64 • 1 65 • 9	64 • 1 65 • 9	64.1 65.9	64 • 1 65 • 9	64.1	64.1 65.9	64.1 65.9
≥ 18000 ≥ 16000	50.5 60.5	67.3 67.3			67.8 67.8	67.8 67.8	67.8 67.8		67.8 67.8	67.8 67.8	67.8 67.8	67.8 67.8	67.8 67.8	67.8 67.8		67.8 67.8
≥ 14000 ≥ 12000	51.1 52.2	67.8		68.2		68.4 69.8	68.4 69.8	68.4 69.8	68.4 59.8	68.4 69.8	68.4 69.8	68.4 69.8	63.4 69.8	68.4	68.4 69.8	68.4 69.8
≥ 10000 ≥ 9000	67.7	73.3			73.9 76.1	73.9 76.1	73.9 76.1	73.9 76.1	73.9 76.1	73.9 76.1	73.9 76.1	73.9 76.1	73.9 76.1	73.9 76.1	73.9 76.1	73.9 76.1
≥ 8000 ≥ 7000	70 • 6 74 • 6	79.6 84.3	79.8 84.2	80 • 0 84 • 4	80.2 84.6	80.2 84.6		80 • 2 84 • 6	80.2	80.2 84.6	80.2 84.6	80.2 84.6	80.2 84.6	BD . 2 84 . 6	80.2 84.6	80.2 84.6
≥ 6000 ≥ 5000	75.6 7 7.6	84.9			85.7 88.5	85.7 88.5		85.7 88.5	85.7 88.5	85.7 88.5	85.7 88.5	85.7 88.5		85.7 88.5		
≥ 4500 ± 4000	78.2 78.7	88.6	90.4	90.9	90.4 91.3		91.5	91.5	90.5 91.5	91.6	90.5 91.6	91.6		90.5 91.6	91.6	
2 3500 2 3000	79.2 79.6	90.3	92.4		92.5 93.9	92.7	94.3	94.3	92.9	94.4	93.D 94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500 ≥ 2006	79.6 80.2	91.6	94.4	93.9	94.9	95.2			95.4		95.5 97.3	97.3	97.3	95.5 97.3	97.3	97.3
2 1800 2 1500	80.3 80.3	93.0 93.3	95.1	96.1	97.5				97.4	98.3	97.5 98.3	98.3	97.5 98.3	97.5 98.3	98.3	
≥ 1200	80.5 80.5	93.5	95.4	96.3 96.5	98.D	98.2 98.4	-	99.4	98.5	99.6	98.6	98.6	99.6	99.6		98.6
≥ 900 ≥ 800 ≥ 700	80.6	93.7 93.8 93.8	95.4 95.5	96.5 96.6 96.7	98.0 98.2 98.3	98.6 98.7	99.4 99.6 99.7	99.4 99.6 99.7	99.5 99.7		99.6	99.6	99.6 99.8	99.6		99.6 99.8
2 600	80.6	93.8	95.5	96.7	- + -	98 · 8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	00.0	100.0	
≥ 500 ≥ 400 ≥ 300	80.6	93.8	95.5	96.7	98.3	98.8 98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2 200	80.6	93.8	95.5		98.3	98.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.5	0.00
2 0	30.6						99.8			100.0					,	00.0

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.2550 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET		VISIBILITY STATUTE MILES														
	≥10	≥ 6	≥ 5	≥ 4	≥3	≥2 7	≥ 2	≥1';	≥1.	≥1	پٺ ≦	≥ `•	≥ 7	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	49.8 51.6	54.6 56.7	54.9 57.0		55•2 57•2	55.2 57.2	:	55.4 57.4	55.4 57.4		55.8 57.8	55.8 57.8			56.3 58.1	56.0 58.1
≥ 18000 ≥ 16000	54.7 55.1	60.2 60.5	50.6	60.8 61.1	60.9	60.9 61.2	61.1 61.4	61.1 61.4	61.1	61.5 61.8	61.5 61.8	61.5 61.8		61.7	61.7 62.3	61.7 62.E
≥ 14000 ≥ 12000	55.2 56.7	60.6 62.5	61.1	61 • 2 63 • 0	1	61.3	61.5 63.3	61.5 63.3	61.5 63.3	61.9 63.8	61.9 63.8	61.9 63.8	63.9	62.2 64.0	69.2	64.0
≥ 10000	61.2 62.9	68.3 70.0	68.8 70.5	7D . 6		69.0 70.8	71.0	69.2 71.0	69.2 71.D	71.4	69.7 71.4	71.4	71.5			71.5
≥ 8000 ≥ 7000	69.7	73.5 78.6			79.9	74.6	80.1	75.1 80.1	75.1 80.1	75.5 83.5	75.5 80.5	75.5 80.5	80.6	80.8	75.7 83.8	30.8
≥ 6000 ≥ 5000 ≥ 4500	70.6	79.9 83.1	80.6	84.3	84.6	81.2 84.6	84.8	84.8	81.4		81.8	81.8	85.4	85.5	85.5	85.5
± 4000	74.3 74.6 74.9	85.6 85.6	86.0 87.1 88.1	86.5 87.5 88.8		86.9 88.1 90.1	87.1 88.3 90.3	87.1 88.3 90.3	87.1 88.3 90.3	87.5 88.7 90.8	87.5 88.7 90.8	87.5 88.7 90.8	88.8	88.9	88.9	
≥ 1000 ≥ 2500	75.1 75.6	87.2	88.8		91.3	91.3	91.5	91.5 94.0	91.5	91.9	91.9	91.9		92.2	92.2	92.2
≥ 2000	76.0	89.9	91.8	93.0	95.7	95.7 95.8	95.9	95.9 96.0	95.9		96.3 96.5	96.5	96.5	96.6	96.6 96.7	96.6
2 1500 2 1200	76.0 76.0	90.1	92.2		96.2	96.2	96.5 96.5	96.6	96.6 96.7	97.0 97.1		97.0	97.1 97.2	97.2		97.2 97.3
≥ 1000 ± 900	76.3 76.3	90.4	92.5 92.5	93.9 93.9	97.0 97.0	97.1 97.1	97.5 97.6	97.6 97.7	97.8 98.0	98.4 98.5	98.4 98.5	98.4	98.5 98.6	98.6 98.7		98.6
≥ 800 ≥ 700 ≥ 600	76.3 76.3	90.4	92.6 92.6	94.2				98.2 98.5	98.4 98.7	98.9 99.2	98.9 99.2	98.9 99.2	99.4	99.1 99.5	99.1 99.5	99.5
≥ 500 ≥ 400	76.3 76.3	90.4	92.6	94.2	97.5	97.6	98.4	98.6	98.8	99.5	99.5	99.5			99.7	99.7
2 300 2 200	76.3 76.3	90.4 90.4 90.4	92.6 92.6 92.6	94.2		97.6 97.6		98.6 98.6 98.6	98.8 98.8 98.8	99.5	99.5 99.5	99.5 99.5		99.7 99.8	99.7 99.8	99.8
2 100	76.3 76.3	90.4		94.2	97.5	97.6 97.6	98.6	98.8			99.5 99.7 99.7		99.8	100.0	100.0	

USAF ETAC 12084 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBS

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:265D

EIELSON AFB AK

73-82

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI5	IBILITY STA	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1′2	≥1 4	≥1	2 .	5 ,.€	≥ 1	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	41.9 45.5	43.9		44.3		44.9 48.5	45.1 48.6	45.1 48.6	45 • 1 48 • 6	45.1 48.7	45.3 48.9	45.3 48.9	45.4 49.0	45.4 49.0		45.4
≥ 18000	48.6	50.6 51.6	50.9 51.8			51.9 53.0	52.0 53.1	52.0 53.1	52.0 53.1	52.2 53.2	52.4 53.4	52.4 53.4	52.5 53.5	52.5 53.5		52.5 53.5
≥ 14000 ≥ 12000	49.9 51.8	52.2 54.3	52-4 54-5	52.7 54.8		53.5 55.7	53.7 55.8	53.7 55.8	53.7 55.8	53.8 55.9	54.0 56.1	54.0 56.1	54 • 1 56 • 2	54.1 56.2	54 • 1 56 • 2	54 • 1 56 • 2
≥ 9000	59.1 60.6	64.2	64.6		65.7	64.2 65.8	64.3 65.9	64.3 65.9	65.9	66.0	64.6	66.2	64.7	64.7 66.3		66.3
≥ 8000 ≥ 7000	66.1 70.6	70.2 74.9	75.5	75.9		72.2		72.4	77.2	72.5	72.7	72.7	77.6	72.8 77.6	77.6	
≥ 6000 ≥ 5000	72.0 74.4	76.9 79.8		81.1	79.0 82.5	79.1 82.7	79.4 83.D		79.5 83.1	83.2	83.4	79.8 83.4	79.9 83.5	83.5	83.5	79.9 83.5
≥ 4500 ± 4000	76.6 76.9	82.6 83.1	84.3	85.4	87.1	86.5	86.8	86.9	86.9	87.8	88.1	87.2 88.1	88.2	88.2	88.2	58.2
≥ 3500 ≥ 3000	77.6	84.7	84.6	87.7	89.7	87.7	88.2 90.3	88 • 3 90 • 8	88.3 90.8		91.1	91.1	91.2	91.2	91.2	91.2
≥ 2500 ≥ 2000	78.2 78.7	85.6	87.1		92.7	91.1	91.5 93.4	92 • D 94 • 1	94.2	94.3	94.5	94.5	92.5	94.6	94.5	92.5
≥ 1806 ≥ 1500	78.7	86.7	88.9	90.6	93.7	93.1	93.7	95.4	94.4		95.8	95.8	95.9	95.9	95.9	95.9
≥ 1200	78.8	87.4	89.4	91.2	94.5	94.4	95.3 96.1	96.1 97.0	96.5	97.7	98.1	96.8	96.9	98.2		98.2
≥ 900 ≥ 800	79.1 79.1	87.7	89.7	91.6	94.9	95.4	96.6 96.8	97.4 97.5 97.7	98.5 98.2 98.3		_	98-6 98-8 99-0	98.7	98.7 98.9 99.1		98.9
≥ 700 ≥ 600	79.1	87.7 87.7		91.6	94.9	95.4	96.8		98.3	98.5 98.5 98.6	99.0	99.0	99.1 99.4	99.4	99.4	99.4
≥ 500 ≥ 400 ≥ 300	79.1	87.8	89.8	91.7		95.5 95.5	96.9	97.8	98.4	98.6	99.1 99.2	99.1		99.5	99.6	99.5
2 300 2 200 2 100	79.2	88.0	89.9	91.8	95.3	95.7	97.2	98.2	98.7	98.9 98.9	99.6	99.6	99.9	99.9	99.9	
3 00	79.2	T					97.2			98.9	99.6	99.6		ľ		103.0

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLUTE

GLABAL CLIMATOLOGY BRANCH LSAFETAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2653 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	SIBILITY ST	ATUTE MIL	E 5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥2	≥::	≥1.	≥1	≥ .	≥`•	≵ :	≥ 5 16	≥ .	≥ ċ
NO CEILING ≥ 20000	50.3 54.0	51.3 54.9	51.3		51.6 55.3	51.7	51.7 55.4	51.7 55.4	51.7				51 · 8	51.£	51.5	51.8 55.5
≥ 18000 ≥ 16000	57.3 58.6	58.5 60.2	58.6 60.3	58.9 60.6		59.1 60.9	59.1 60.9		59.1 60.9		59.1 60.9	59.1	59.2	59.2	59.2	59.Z
≥ 14000 ≥ 12000	59.2 62.2	63.8	61.0	61 • 3		61.5	61.5	61.5 64.4	61.5 64.4	61.5	61.5 64.4	61.5	61.6	61.6	61.6	61.6
≥ 10000 ≥ 9000	68 • 4 70 • 1	70.0 72.2	70.3 72.5	70 • 6 72 • 8		70.9 73.0	70.9 73.0		70.9 73.0	70.9 73.0	70.9 73.3	70.9	71.0 73.1	71.0	71.3 73.1	71.0 73.1
≥ 8000 ≥ 7000	73.5	76.1 85.4	76.5 81.1	77.1 81.9		77.5 82.7	77.5 82.7	77.5 82.7	77.5 82.7	77.5 82.7	77.5 82.7	77.5 82.7	77.6 82.8	77.6 82.8	77.5	77.5
≥ 5000 ≥ 5000	79.0 81.0	82.4	83.0 85.5			84.6	84.9 87.7	85.3	85.3 88.1	85.3 88.1	85.3 88.1	85.3 88.1	85.4	E5.4	85.4 88.2	85.4 88.2
≥ 4500 ± 4000	51.6 52.5	85.4 96.5	86.3 87.5	87.5 88.7	88.7 89.9	88.8 90.0		89.4 90.6	89.4 90.8	89.4 90.8	89.4 90.8	90.8	89.5	89.5	89.5 92.9.	99.5
2 3500 2 3000	82.5 92.6	87.1 87.4	88 • 2 88 • 5	89.6		90.9 21.3	91.7	92.3	91.6	91.6 92.4	91.6	91.6 92.4	91.7 92.5	91.7 92.5	91.7 .2.5.	94. 5
≥ 2500 ≥ 2000	83.0	89.0	90.0	92.4	94.0	93.2	94.8	95.4	94.4	95.6	95.6	94.4	94.5 <u>95.7</u>	94.5 95.7	94.5 . <u>95.</u> 7.	94.5 23.1
2 1800 2 1500	83.2 83.7	89.9	91.5	93.4	95.7	94.7	96.8	98.0	96.1 98.2	96.1 98.3	96.1 98.3	96.1 98.3	95.2 98.4	96.7 98.4	96.2 .e.e.e.	98.2
2 1200 ≥ 1000	83.7 83.8	89.9 90.0	91.5 91.6	93.5	95.8	95.9 96.1	97.2	98.5	98.3	99.0	98.5 99.1	99.2	99.4	99.4	94.6 . 99.4.	99.4
. 90C ≥ 800	83.9	90.0	91.6 <u>91.6</u>	93.5	95.8	96.1 96.1	97.2 97.2	98.6	98.9	99.0	99.2	99.2	99.5	99.4	99.4 .99.5,	99.5
2 700 2 600	83.9 63.8	90.3	91.6	93.5 93.5	95.8	96.1	97.2 51.2	98.6 98.6	99.9	99.2	99.5	99.6	99.7	99.1	99.7	99.7 99.7
± 500 ≥ 400 2 300	83.8 63.8	90.3	91.6 91.6	93.7	95.9	96.2 96.2	97.3 97.3	98.7 98.7 98.7	99.0 99.0	99.4	99.5	99.7 99.7	99.8	99.8	99.5	99.8
2 200 - , - 30	83.8 83.8	90.0	91.6	93.7	95.9	96.2 96.2 96.2		98.7	99.0	99.4	99.6		99.8	99.8	99.5	99.8 99.8
<u> </u>	83.8			93.7	95.9	96.6	97.3	98.7	99.0	99.4	99.6	99.7	99.9	99.9		ם בם

USAF ETAC 1000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE

GLIBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2550 EIELSON AFB AK

73-82

MAD.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1222-1400

CERING							VIS	BILITY STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥!:	≥1	≥!	≥ :₄	≥ .	≥ :	≥5 18	2.	≥c
NO CEILING ≥ 20000	54.5 57.6				54.6 57.8											
≥ 18000 ≥ 16000	2 • 3 2 • 3 • 2		1		62.9 63.9			- 1		_		-				
≥ 14000 ≥ 12000	ხ 3. 8 ხ 6. 5		! '		64.4				,							
\$ 8000. \$ 10000	71.5 73.1				73.0 75.1									t		
> 8000 2 7000	78.9 82.2			84 . 7	81.1 85.2	35.2	85.5	85.7	85.7	85.7	65.7	85.7	85.7	85.7	85.7	85.7
≥ 6000 ± 5000	_3.4 <u>=4.2</u>		1		87.2 89.0	89.0	89.5	89.9	89.9	89.9	89.9	89.9	69.9	89.9	89.9	89.9
→ 4500 ± 4000	5 4.6 55.7			-	91.4	91.4	91.8	92.3	92.5	92.5	92.5	92.5	92.5		92.5	
2 1500 2 1100	86.6	93.9	91.5	92.0	93.1	93.1	93.7	94.2	94.4	94.4	94.4	94.4	94.4		94.4	
2500	87.0 87.5	92.4	93.0	93.8	94.3 95.3	95.3	96.0	96.7	96.9	97.3	97.3	97.3	97.0	97.C	97.3	97.0
± 1800 ± 1500	87.6	93.1	94.2	94.9	96.7	96.7	97.5	98.7	99.2	99.5	99.5	99.5	99.5	97.7 99.5	99.5	99.5
≥ 1200 ≥ 1000	87.7 87.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	130.0	100.0	100.0	99.9	100.0	100.0
≥ 900 ≥ 800	87.7 67.7	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	130.0	105.0	100.0	100.0
≥ 700 ≥ 600	87.7 87.7	93.1 93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	100.0 100.0	100.0	100.0
2 400 2 300	87.1	93.1	94.2	94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0	F	0.00	130.3
2 200 . JC	£7.7	93.1		94.9	96.9	96.9	97.8	99.1	99.7	99.9	100.0	100.0	100.0		100.0	00.0
	37.7		1					99.1						100.0		

TOTAL NUMBER OF ORSERVATIONS

930

USAF ETAC 100 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLIPAL CLIMATOLOGY BRANCH USAFETAC Alm REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.2650 EIELSON AFB AK

73-82

MA3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1522-1720

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1':	∡ا≼	≥1	2 •	≥`•	≥ :	≥5 10	≥ .	3≤
NO CEIUNG ≥ 20000	52.0 55.8	53.0			53.0 56.1	53.D 56.1	_	53.0 56.1						53.0 56.1		
≥ 18000 ≥ 16000	62.5	61.9			:					62.3				62.3		62 · 3 53 · 3
≥ 14000 ≥ 12000	62.9	63.4		1 77 7	1 - 7		63.8	63.8	63.8	63.8	63.8	63.8		66.6	63.9	,
≥ (0000 ≥ 9000	71.7	-	73.2	73.2	73.3 75.7		73.3	73.3	73.4	73.4 75.9	73.4		73.4	73.4	73.4	
≥ 8000 ≥ 7000	78 • 4 61 • 3		80.6		81.0	81.1	81.1	91.1	81.2	81.2		81.2	81.2	81.2	81.2	91.2
≥ 5000 ± 5000	81.9 83.3	84.5	,		86.1	86.2	86 • 2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	66 • 5 . 88 • 8
2 4500 2 4000	53.8 84.7				89.4	89.5	89.5	89.6	89.7		89.7	89.7	89.7	89.7	89.7	
2 3500 2 3006	85.2 85.5	88.3		90.9	91.5	91.7	91.8		92.0	92.0		92.0	92.0	92.0		92.3
≥ 2500 ± 2000	35.8 86.0	89.5	91.3	92.5	94.1	94.3		94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
800 500	86.0		91.8	93.3	95.1	95.3	95.9	96.5	96.7		96.8	96.9	97.0	97.0	97.0	97.0
≥ 1000	66.3	90.4	92.5	94.1	96.0	96.3	97.0	97.5	97.8	98.1	98.3	98.4	98.5	98.5	98.5	98.5
. 90€ ≥ 80€	66.3 66.3	90.6	1			96.9	97.7	98.3	98.6		99.2	99.4	99.5	99.5	99.5	99.5 99.5
2 700 ≥ 600	86.3	90.6	92.8	94.5	96.7	97.0	98.0	98.7		99.4	99.8	99.9	100.0	100.0	100.0	
: 500 2 400	86.3	90.8	92.8	94.5	96.7	97.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0		100.0	100.0
± 306 ± 20€	8 6 •3	90.8	92.5	94.5	96.7	77.0	98.0	98.7	99.0	99.4	99.8	99.9	100.0	100.0	100.0	100.0
30	86.3 86.3	90.6 90.6 95.6	92.5	94.5		97.0	98.0	98.7	99.0		99.8	99.9	100.0		100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 10.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLET

GECEAL CLIMATOLOGY BRANCH USAFETAC A10 MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1495-5500</u>

CEILING				_			VIS	IBILITY ST	ATUTE MIL	ES			_			
1 FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2;	≥ ?	≥1";	≥1 .	≥1	≥ .	≥ `•	≥ ;	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	50.9 53.2	53.4 55.8				53.7 56.0	53.7 56.0		53.7 56.0		53.7 56.0	53.7 56.0		53.7 56.0	53.7 56.0	
≥ 18000 ≥ 16000	56.1 56.9	59.0 59.8		59.5 60.2		59.5 60.3			59.5 60.3		59.5 6C.3	59.5 63.3		59.5 60.3	59.5 62.3	
≥ 14000 ≥ 12000	57.3 59.5	60.2 62.9			60.8 63.4	63.4		60.8 63.4	60.8 63.4	60.8 63.4	60.8 63.4	60.8	63.8 63.4	60.8 63.4	63.8 63.4	
≥ 10000	65.6 68.5	69.8 73.0	73.8	73.9	74.0	70.4 74.6	70.4 74.0		70.4		70.4 74.0	70.4 74.0	70.4 74.0	70.4 74.0	70.4 74.0	
≥ 8000 ≥ 7000	72.5 76.8	77.7 82.9	83-8	84-1	78.8 84.4	78.8	34.4	84.4	78.8	84.4	78.8 84.4	78.8 84.4	84.4	78.8 84.4	78.8 84.4	24.4
≥ 6000 ≥ 5000	77.8 79.4	84.3	88.2	89.0	89.7	86.2 89.7	86 • 2 89 • 7	89.7	86.2 89.7	89.7	89.7	86.2 89.7	89.7	86.2	89.7	89.7
≥ 4500 ≥ 4000	80.0	87.5	91.0	92.0	92.7	91.2	92.7	92.7	91.2	92.7	92.7	91.2 92.7	92.7		91.2 92.7	92.7
≥ 3500 ≥ 3000	81.2	89.4	92.0	92.8	94.3	93.4	93.4	94.3	93.4	••••	94.3	94.3	94.3	93.4	93.4	94.3
≥ 2500 ≥ 2000 ≥ 1800	81.6 81.9	90.5 90.9	93.3		96.1	95.6 96.5 96.6	96.8	96.9	95.9 96.9			95.9	95.9 96.9		96.9	
≥ 1800 ≥ 1500 ≥ 1200	82.0	91.4	93.9		96.9	97.5			97.0 98.3			97.0 98.3 98.5	97.0 98.3	_	97.0 98.3 98.5	
≥ 1000	62.0 82.0	91.5	94.0	95.6 95.6	97.3	98.0 98.0	-	-	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	62.0 82.3	91.5		95.6	97.3	98.0	98.6	99.2	99.2		99.2	99.2	99.2	99.2	99.2	
≥ 600	82.3	91.7	94.2	95.8 95.8	97.6	98.3	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	82.3	91.7	94.2	95 • 8 95 • 8	97.6	98.3 98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	00.0	00.0	100.0
≥ 200 ≥ 100	82.3 82.3	91.7	94.2			98.3 98.3	99.1	99.8			100.0					
2 0	82.3	91.7	94.2	95.8	97.6	98.3	99.1	99.8	99.8	100.0	100.0	00.0	00.0	100.0	00.0	00.0

USAF ETAC TOTAL 0-14-5 (OL A) MEVIOUS

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

- MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-5300

CEILING							VI5	BILITY ST.	ATUTE MIL	ES]
FEET	≥10	≥6	≥ 5	≥4	≥ 3	22 7	≥2	≥11.5	≥17.	≥1	≥ 4	≥ %	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	53.3 56.2	59.2 62.1	59.2 62.1	59.2 62.1	59.2 62.1	59.2 62.1	59.2 62.1	59.2 62.1	59.2 62.1	59.2 62.1	59.2 62.1	59.2 62.1	59.2 62.1	59.2 52.1	59.2 62.1	59.2 62.1
≥ 18000 ≥ 16000	58 • 1 58 • 6	64.5	64.4	64.4	64.4 64.9	64.4	64.4	64.4	64.4	64.4	64.4 64.9	64.4	64.4	64.4	64.4	64.4
≥ 14000 ≥ 17000	59.3 63.5	65.0 66.8	65.2	65.2	65.3 67.2	65.3		65.3 67.2	65.3 67.2	65.3 67.2	65.3 67.2	65.3	65.3 67.2	65.3 67.2	65 • 3 67 • 2	65.3 67.2
≥ 9000	54.4 65.5	72.3	72.2 74.5	72.2 74.5	72.3 74.6	72.3 74.6		72.3	72.3 74.6	72.3	72.3 74.6	72.3 74.6	72.3 74.6	72.3 74.6	72.3 74.6	
≥ 8000 ≥ 7000	70.0	78.7 84.0	79.3 84.7	79.3 84.7	79.4 84.9	79.4 84.9	79.4 84.9	79.4 84.9	79.4 84.9	79.4 84.9	79.4 84.9	79.4 84.9	79.4 84.9	79.4	79.4 84.9	B4.9
≥ 6000 ≥ 5000	75.3 77.1	85.5 87.9	89.7	86.7 89.7	86.9	86.9	89.9	86.9	86.9	89.9	86.9	86.9	89.9	86.9	86.9	86.9
≥ 4500 ≥ 4000	78.1 78.5	89.5 90.1	92.2	91.4	91.8 93.0	91.8 0.59_	93.0	91.8	91.8	91.8	91.8	91.8 93.0	93.0	91.8 93.0	91.8	91.8 93.0
≥ 3500 ≥ 3000 ≥ 2500	78.7	90.3 91.6	92.5	92.6	93.3 95.3	93.3 95.3	95.3	93.3	93.3	95.3	93.3	93.3 95.3	95.3	95.3	95.3	93.3
≥ 2500 ≥ 2000 ≥ 1800	79.9 79.9	92.4	95.2	95.0 95.5	96.1 97.2 97.4	96.3 97.5 97.7	97.5	96.3 97.5 97.7	96.3 97.5 97.7	96.3	96.3 97.5	96.3 <u>97.5</u>	97.5	96.3 97.5	96.3 97.5	97.5
≥ 1500	79.9	92.6 93.0			98.1	98.4		98.6	98.6 98.7	97.7 98.6 98.7	97.7 98.6 98.7	97.7 <u>98.6</u> 98.7	97.7 98.6 98.7	97.7 98.6 98.7	97.7 98.6 98.7	97.7 98.6 98.7
≥ 1000	79.9	93.1	95.8 95.8	96.3	98.4	98.7 98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.2	99.2	99.2	99.2
≥ 800	79.9	93.1	95.8	96.3	98.5	98.5	99.5		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600 ≥ 500	79.9	93.1	95.8		98.7 98.7	99.1	99.8	99.9	99.9	1	99.9	99.9	99.9	99.9	99.9	79.9
≥ 400 ≥ 300	79.9 79.9	93.1	25.8	96.3	98.7 98.7	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
2 100	79.9 79.9	93.1	95.8 95.8		98.7 98.7	99.1	99.9	100.0			100.0			100.0		
≥ °	79.9	93.1	95.8	96.3	98.7	99.1	99.9	100-0	100.0	ם.ממנ	100.0	100.0	00.0	00.0	100.0	too oi

TOTAL NUMBER OF ORSERVATIONS

929

USAF ETAC TOTAL U-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISCUE

BLCBAL CLIMATOLOGY BRANCH SEAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY -ST	ATUTE MIL	E5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥11:	≥1.	≥1	≥ :₄	≥'•	≥ 7	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	51.4 54.1	54.2 57.0		54 • 4 57 • 2	54.5 57.4	54.6	54.6 57.4	54.6	54.6	54.6 57.5		54.7 57.5				54.7
≥ 18000 ≥ 16000	57.4 59.1				61.1	61.1	61.2 62.0	61.2	61.2	61.2		61.2	61.3		61.3	61.3
≥ 14000 ≥ 12000	58.5 60.6		62.1	62.2		62.4	62.4	62.4	64.7	62.5	62.5	62.5	62.6	62.6	62.6	
≥ 10000 ≥ 9000	65.9				/	7D.9	70.9	70.9	71.D	71.0 73.3			71 • 1 73 • 3	71.1		71.1
2 8000 2 7000	71.9 75.9					78 - 1 82 - 9	78.2 83.0	78.2 83.1	78.2 83.1	78.3 83.1		78.3 83.2	78.4	78.4	79.4 83.2	
2 6000 ≥ 5000	77.0		83.8	84.2	84.6	84.7	84.8	84.9	84.9 87.8	85.0 87.9	85.0	85.0		85.1 88.0	65.1	85.1
≥ 4500 ≥ 4000	79.6	86.6				1	89.5 90.8	89.7	89.7	89-8	89.8			89.9	89.9	89.9
2 3500 2 1000	80.6	88.2			91.5	91.6		91.9		92.0	92.1	92.1		92.1	92.1	92.1
2 2500 2 2000	81.7	89.8 90.5			,	94.2	94.5	94.8	94.8	94.9	94.9	94.9	95.0		95.0	95.0
.: '800 .: '500	61.7 51.9	90.6		i t	[95.8	96 · 2 97 · 1	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
± 1200 ≥ 1000	81.9			- 1	96.5	96.8		97.9	98.1 98.8	98.2	98.3		98.3		98.4	98.4
≥ 900 ≥ 800		91.3			96.9		98.0 98.2		98.9	99.1	99.2		99.3		99.3	99.3
≥ 700 ≥ 600		91.3	93.3				98.3		99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500 ≥ 400		91.3		94.7	97.1	97.4	98.4		99.3	99.6	99.7	99.8	99.8	99.9	99.9	99.9
≥ 300 ≥ 200		91.3	93.3		97.1	27.4	98.4	99.1	99.3	99.6			99.9	99.9		99.9
2 100 2 0		91.4	93.3	94.7	97.1	97.5		99.1		99.7	99.8	99.9	99.9	00.0	100.0	100.0

USAF ETAC 101 66 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC A14 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

MARTIN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>១០១៦-១៦១០</u>

CEIUNG							VIS	IBILITY STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥175	≥١.	≥1	≥ ¼	≥ '*s	≥ ',	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	60.8 63.9	64.9 68.1	64.9 68.1	64.9 68.1	64.9 68.1	64.9 68.1	64.9 68.1	64.9 68.1	64.9 68.1	64.9	64.9 68.1	64.9 68.1	64.9 68.1	64.9 68.1	64.9 68.1	64.9 68.1
≥ 18000 ≥ 16000	67.2 68.0	71.8 72.6	, , ,		71.6 72.6	71.8			71.8		71.8 72.6	71.8	71.8	71.8	71.8 72.6	71.8
≥ 14000 ≥ 12000	68.2 69.1	72.8	72.8		72.8 73.9	72.8	1	- 1	72.8 73.9		72.8 73.9	72.8	72.8 73.9	72.8	72.8 73.9	72.8 73.9
≥ 9000	72 • 1 73 • 7	76.9 78.4	76.9 78.6	76.9 78.6	76.9 78.6	76.9 78.6	1 7 7		78.6	78.6	76.9 78.6	76.9 78.6		76.9 78.6		76.9 78.6
≥ 8000 ≥ 7000	77.3 80.4	82.8 35.9	86.5	86.0	83.0 86.1	83.0 86.1	86.1	83.0 86.1	86.1	86.1	83.0 86.1	83.0 86.1	86.1	86.1	86.1	
≥ 6000 ≥ 5000	81.7 82.7	86.6	88.6	86.7 88.6	86.B 88.B	86.6 88.8	88.8	88.8	88.8	88.8	86.8 88.8	86.8 88.8	88.8	86.8 88.8	88.8	88.8
≥ 4500 ≥ 4000	84.1 84.7	90.1 91.1	90.3	90.3 91.3	90.6	90.6	91.7	91.7	91.7	91.7	90.6 91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500 ≥ 3000 > 2500	85.2	91.9	92.7	92.6 93.0	93.8	93.1 93.8	93.1 93.8	93.1 93.8	93.1 93.8	93.1	93.1 93.8	93.1 93.8	93.1 93.8	93.1 93.8	93.1 93.8	93.8
≥ 2000	85.3 85.3	92.4 92.8 93.0	93.4	93.3	94.4	94.4 95.7	95.7	95.7		94.4	95.7	94.4 95.7	95.7	94.4	95.7	94.4
≥ 1500	85.7 85.7	93.3	93.7 94.1	94.3 94.9 95.0	95.8 96.9	96.0 96.7	96.7	96.0 96.7 97.2	96.0 96.7 97.2	96.7	96.0 96.7 97.2	96.0 <u>96.7</u> 97.2	96.7	96.7	96.7	96.0 96.7 97.2
≥ 1000 ≥ 900	86.0 86.0	93.9	94.7	95.6 95.8	97.8	97.2 98.2 98.7	98.6	98.6 99.0	98.6	98.6	98.6	98.6 99.0	98.6	97.2 98.6 99.0	98.6	98.6
≥ 800 ≥ 700	86.0 86.0	93.9	94.7	95.8 95.8	98.1 98.2	98.7	99.0	99.D	99.1	99.0	99.0	99.0	,		99.0	1
≥ 600	86.2	94.2	95.0	96.1 96.1	98.6 98.6	99.1 99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 40C ≥ 300	86.2	94.2	95.0	96.1	98.6 98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	86.2	94.2	1	96.1	98.9	99.7	100.0	100.0	100.0		100.0	100.0	inn n	ם בסמינ	100.0	100.0
<u>2</u> 0	86.2	94.2	95.0	96.1	98.9	99.7	100.0	100.0		100.0				ם. ממו	L	100.0

USAF ETAC 101 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRET

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7: 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY STA	TUTE MIL	ES						
1 FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 ?	≥ 2	≥11.5	≥1%	≥1	≥ .	≥ `•	≥ 5	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	53.2 58.0	54.9 59.7	54.9 59.7	54.9 59.7	54.9 59.7	55.û 59.8	55.0 59.8	55.D 59.8	55.0 59.8	55.1 59.9	55.1 59.9	55.1 59.9	55.2 60.0	55.2 60.0	55.2 60.0	55 • 2 60 • 0
≥ 18000 ≥ 16000	60.4 61.6	62.2	62.2	62.2 63.3	62.2 63.3	62.3	62.3 63.4	62.3 63.4	62.3 63.4	63.6	62.4 63.6	62.4 63.6	62.6 63.7	62.6 63.7	62.6 63.7	
≥ 14000 ≥ 12000	61.7	63.4	63.4	63.4	63.4	63.6 65.8	63.6 65.8	63.6	65.8	63.7	65.9	63.7	63.8 66.0	63.8 66.0	63.8	
≥ 10000 ≥ 9000	67.4 69.0	70.9	71.2	69.3 71.2	69.3 71.2	71.3	69.4 71.3	71.3	71.3	71.4	69.6 71.4	71.4	69 • 7 71 • 6	69.7 71.6	71.6	71.6
≥ 8000 ≥ 7000 ≥ 6000	79.4 81.3	76.4 81.8	76.8 82.1	76.8 82.1	76.8 82.3	76.9 82.4	76.9 82.4 84.4	76.9 82.4 84.4	76.9 82.4	77.0 82.6 84.6	77.0 82.6	77.0 82.6 84.6	77.1 82.7 84.7	77.1 82.7 84.7	77.1 82.7 84.7	77.1 82.7 84.7
≥ 5000	83.1	85.7	86.2	86.3	86.7	86.8	86.8	86.8	86.8	86.9	36.9 88.D	86.9 88.0	87.0	87.0	87.0 88.1	87.0
≥ 4000	85.1	88.4	89.0	89.3 90.0	89.8	89.9	89.9 90.7	89.9 90.7	89.9	90.0	90.0 90.8	90.0		90.1	90.1	9B.1
≥ 3000 ≥ 2500	86.2	89.8 90.7	90.4	91.1	92.2	92.3			92.3		92.4	92.4	92.6		92.6	92.6
≥ 2000	86.8	91.1	92.0 92.1	92.8	94.1	94.7	94.7 94.8	94.7 94.8	94.7	94.9	94.9 95.0	94.9 95.0		95.0 95.2	95.0 95.2	
≥ 1500 ≥ 1200	87.1 87.6	91.7	92.8	93.7	95.2 96.0	95.6	96.7	96.7	95.8	96.9	96.0 96.9	96.0 96.9	97.1		97.1	97.1
≥ 1000 ≥ 900 ≥ 800	87.6	92.4	93.9	95.0	96.8	97.4	- 1	97.6 97.8	97.6	98.3	97.8 98.0	97.8 98.0	98.2	98.2	98.2	98.2
≥ 700 ≥ 600	87.6 87.7	92.4 92.6 92.7	94.0	95.1 95.2 95.3	96.8 97.0 97.2	97.6 97.6 98.0	98.D	98.1	97.8 98.1 98.4	98.0 98.3 98.7	98.0 98.3 98.7	98.0 98.3 98.7		98.7 98.7	98.7 98.7	98.7
≥ 500 ≥ 400	87.7 37.7	92.7	94.2	95.3 95.3	97.3	98.1 98.1	98.7 98.7	98.9	98.9	99.2	99.2	99.2	99.6	99.6 99.6	99.6 99.6	99.6
≥ 300 ≥ 200	87.7 87.7	92.7	94.2	95.3 95.3	97.3	98.1 98.4	98.7 99.0	98.9	98.9 99.2	99.2	99.3	99.3	99.7	99.7	99.7	99.7
≥ 100 ≥ 0	87.7 87.7	92.7 92.7		95.3 95.3	97.7 97.7	98.4 98.4	99.0 99.0		99.2 99.2		99.7 99.7	99.7 99.7		100.0 100.0		

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FO

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

MONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							V1\$	BILITY -ST	ATUTE MILE	ES						
FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2 -	≥ 2	≥1':	≥1 4	≥1	≥ 4	≥ '•	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	53.8 59.1	54.J	54.0	54 - 0 59 - 3	54.0 59.3	54 • 1 59 • 4	54.1 59.4	54 • 1 59 • 4	54 - 1 59 - 4	54.1 59.4	54.1 59.4	54.1 59.4	54 • 1 59 • 4	54 • 1 5 • • 4	54 • 1 59 • 4	
5 18000	51.8 63.8	62.0 64.0	62.0	62.0	62.0 64.0	62.1 64.1	62.1 64.1	62.1 64.1	62.1	62.1	62.1 64.1	62.1	62.1 64.1	62.1	62.1 64.1	62.2
≥ 14000 ≥ 12000	64.4	64.7	64.7	64.7	64.7	64.8	64.8 67.3	64.8 67.3	64.8	64.8	64.8	64.8	64 • 8 67 • 3	64.8	64.8 67.3	64.9
≥ 10000 ≥ 9000	71.7	71.9 73.9	71.9	71.9 74.2		72.0	72.0 74.3	72.D	72.0 74.3	72.0	72.0 74.3	72.0	, -	72.0		
≥ 8000 ≥ 7000	78 • 1 81 • 2	78.6	78.6 81.9			79.1 82.4	79.1 82.4	79.1 82.4	79.1 82.4	79.1 82.4	79.1 82.4	79.1 82.4	79.1 82.4	79.1 82.4	79.1 82.4	79.2
≥ 6000 ≥ 5000	82.3	83.0		83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7 84.9	83.7		83.7 84.9	83.8 85.6
≥ 4500 ≥ 4000	83.6	84.6	84.6	84.9	85.1 86.6	85.2 86.7	85.2 86.7	85 • 2 86 • 7	85.2 86.7	85 • 2 86 • 7	85.2 86.7	85.2 86.7	85 • 2 86 • 7			
≥ 3500 ≥ 3000	84.6 85.6	86.1 87.3	86 • 3 87 • 8	86 - 8	87.1	87.2 89.1	87.2 89.1	87.2 89.2	87.2 89.2	87.2	87.2 89.3	87.2 89.3	87.2 89.3		87.2 89.3	87.3 89.4
≥ 2500 ≥ 2000	36 · 1	88.3 88.8	89.0	89 - 8 9D - 7	90.4	90.7 91.9	90.7 92.1	90 • 8 92 • 3	90.8 92.3	90.8 92.8	90.9 92.7	90.9 92.7	90.9	90.9 92.7	90.9 92.7	
≥ 1800 ≥ 1500	86.3 36.6	88.8	89.8	90.7 91.3	91.7 92.3	91.9 92.5	92 • 1 92 • 8	92.3 93.0	92.4 93.1	92.6 93.2	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.8 93.4	92.9
≥ 1200 ≥ 1000	87.0 67.0	90.4 90.9		92.7 93.9	93.8 95.1	94.0 95.3	94 • 2 95 • 7	94.4 96.1	94.6	94.7	94.9 96.6	94.9	94.9	94.9	94.9	95.0
≥ 900 ≥ 800	87.2 87.3	91.3 91.7	93.1 93.4	94.3	95.6 96.1	95.8 96.3	96.1 96.7	96.6 97.1	96.7 97.2	96.8	97.1 97.9	97.1 97.9	97.1 97.9	97.1 97.9	97.1 97.9	97.2
≥ 700 ≥ 600	87.4 57.4	91.8	93.6	95 • 1 95 • 2	96.4	96.7 96.8	97.0 97.2	97.4	97.6 98.0	98.D 98.6	98.4 99.0	98.4 99.1	98.4	98.4 99.1	98.4 99.1	98.6
≥ 500 ≥ 400	87.4 87.4	92.0 92.0			96.7 96.7	96.9 96.9	97.3 97.3	98.D 98.D	98.1 98.1	98.8 98.8	99.2 99.2	99.3 99.3	99.6	99.6	99.7	99.8
≥ 30C ≥ 200	87.4 87.4	92.0 92.0	93.8		96.8	97.0 97.1	97.4 97.6	98 • 1 98 • 2	98.2 98.3	98.9 99.0	99.3 99.4	99.4	99.7 99.8	99.7 99.8		99.9
≥ 100 ≥ 0	87.4 87.4	92.0		95.3 95.3	96.9	97.1 97.1	97.6 97.6	98.2 98.2	98.3 98.3	99.0	99.4	99.6	99.8	99.8 99.8		100.0

LISAE ETAC NUMA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

GL-BAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650

EIELSON AFB AK

73-62

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0508-1120

CEILING							VIS	IBILITY ST	ATUTE MILI	E S						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥27	≥ 2	≥179	≥1 4	≥1	≥ 14	≥ '₁	≥ ′5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	57.7 64.8	57.7 64.8	57.7 64.8	57.7 64.8		57.7 64.8	57.7 64.8	57.7 64.8	57.7 64.8	57.7 64.8	57.7 64.8	57.7 64.8	57.7 64.8	57.7 64.8	57.7 64.8	
≥ 18000 ≥ 16000	67.2 70.1	67.2 70.1	67.2 70.1	67.2 70.1		67.2 70.1	67.2 70.1	67.2 70.1	67.2 70.1	67.2 70.1	67.2 70.1	67.2 70.1	67.2 70.1	67.2 70.1	67.2 70.1	1 2 1 1 1
≥ 14000 ≥ 12000	70.4 72.4		70.4	70.4 72.4		70.4	70.4 72.4	70 • 4 72 • 4	70.4	73.4	70.4 72.4	70.4 72.4	72.4	70.4	79.4 72.4	70.4 72.4
≥ 10000 ≥ 9000	76.3 77.9		78.2	76.4 78.2	78.2	76.4 78.2	76.4 78.2	76.4 78.2	76.4 78.2	76.4 78.2	76 • 4 78 • 2	76.4 78.2		76.4 78.2		I.
≥ 8000 ≥ 7000	81.6	83.8	84.1	82.2 84.1	84.1	82.2	82.4	84.3	82.4		82.4 84.3	84.3	84.3	82.4	84.3	84.3
≥ 6000 ≥ 5000	83.9 85.0	85.4		85.9	86.1	84.8	85.0 86.3	86.3	85.0	86.3	86.3	8 . • 0 2 . • 3	85.3		86.3	86.3
≥ 4500 ≥ 4000	85.2					86.3 87.5	86.6	88.1	86.6	88.1	86.6	1 5 6 _ 8 1	88.1	88.1	88.1	88.1
≥ 3500 ≥ 3000	86.8 87.2 88.2	88.9		89.6	89.9	88.6	88.9 90.2		88.9 90.2	90.2	90.2	90.2 92.1		88.9 90.2	90.2	90.2
≥ 2500 ≥ 2000	88.7	90.9		92.1	92.7	91.8 92.7 92.9	92.1 93.1 93.3	92.1 93.1 93.3	92.1 93.2 93.4	92.1 93.2 93.4	92.1 93.7 93.9	93.7	92.1 93.7 93.9	93.7	93.7	
≥ 1500	89.3	92.1	93.0		94.1	94.1	94.7 96.0	94.8 96.1	94.9	95.B 96.6	95.4 97.0	95.4	95.4	95.4 97.0	95.4	95.4 97.0
≥ 1000	90.0 90.2	93.4	94.6	95.2		96.4	96.8	96.9	97.0 97.3	97.7	97.8 98.1	97.8	97.8	97.8	97.8 98.1	97.B
≥ 800	90.4	94.0	95.1	95.9 96.2	96.6		97.6 98.0	97.7 98.1	97.8	98.1	98.6	98.6	98.6	98.6		98.6
≥ 600	90.6	94.3	95.4	96.3	97.1	97.4	98.2	98.3	98.4	98.B	99.4	99.6	99.6	99.6	99.6	
≥ 400 ≥ 300	90.6		95.4	96.4	97.2	97.7	98.4	98.6	98.7	99.0	99.7	99.8	99.9		100.0	
≥ 100	90.6 90.6		95.4	96.4			98.4	98.6 98.6	98.7 98.7	99.0			99.9	100.0	100.0	
2 0	90.6	94.3	95.4	96.4	97.2	97.7	98.4	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	00.0

TAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH L'AFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:2650 EIELSON AFB AK

73-82

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY ST	ATUTE MIL	ES.						ŀ
FEET	≥10	≥6	≥ 5	≥4	≥3	≥2 7	≥ 2	≥11.7	≥1%	≥1	≥ 14	≥ >₀	≥ 5	≥ 5 16	2 4	≥0
NO CEILIN ≥ 20000		52.8 60.9	1	:		52.9 61.0		52.9 61.0		,	1 7 2 7 1	52.9 61.0		52.9 61.0		52.9 61.0
≥ 18000 ≥ 16000		64.8		64.9 67.7	64.9	64.9	64.9 67.7	64.9 67.7	64.9	64.9 67.7	64.9 67.7	64.9 67.7	64.9 67.7	64.9 67.7	64.9 67.7	64.9
≥ 14000 ≥ 12000				68 - 1 70 - 1	68.1 70.1	68.1	68.1 70-1	68.1 70.1	68.1 70.1	68.1 70.1	68.1 70.1	68.1	68.1	68 - 1 70 - 1	68.1 70.1	68.1
≥ 10000 ≥ 9000		75.6 77.7	1	75.7 77.8	75.7 77.8	75.7 77.8	75.7	75 • 7 77 • 8	75.7 77.8	75.7 77.8	75.7 77.8	75.7 77.8	75.7 77.8	75.7 77.8	75.7 77.8	75.7
≥ 8000 ≥ 7000		82.2	82.3 83.9	1 7	82.3 83.9	82.3 83.9	82.3	82.3	82.3	82.3	82.3 83.9	82.3	82.3	82.3		82.3
≥ 6000 ≥ 5000		84.3	84.4	84.4	84.6 87.7	84.6 87.7	84.6 87.7	84 - 6	84.6	84.6	84.6	84.6	84.6	84.6 87.7	84.3 87.7	94.6 87.7
≥ 4500 ≥ 4000	89-1	88.1 A9.5	38.3 90.3	88.3 90.1	88.4 90.2	88.4 90.2	88.4 90.2	88.4 90.2	88.4 90.2	88.4 90.2	88.4 90.2	88.4 90.2	88.4	68.4 90.2	88.4 90.2	90.2
≥ 3500 ≥ 3000	93.9	91.1 92.5		92.4	91.7 92.6	91.7 92.6	91.7	91.7 92.6	91.7	91.7 92.7	91.7 92.7	91.7 92.7	91.7 92.7	91.7 92.7	91.7 92.7	91.7
≥ 2500 ≥ 2000	91.7	92.3	92.9	92.9	93.2	93.4	93.4	93.4 94.7	93.6	93.6	93.6 95.0	93.6 95.0	93.6 95.0	93.6 95.0		93.6 95.D
≥ 1800 ≥ 1500	92.1	94.7	94.3	94.3	94.7 96.2	95.0 96.6	95.0 96.9	95.1 97.1	95.2 97.2	95.3 97.3	95.4	95.4	95.4	95.4 97.7	95.4 97.7	95.4
≥ 1000	92.8	94.7	95.8	96.7	96.6 97.0	96.9 97.3	97.4	97.7 98.1	97.9 98.3	98.1 98.6	98.2 98.7	98.2 98.7	98.9	78.4	98.4 98.9	98.4
≥ 900 ≥ 800	92.6	95.0 95.1	2.6.2	96.9 97.1	97.2 97.4	97.8	98 - 1 98 - 3	98.4 98.7	98.7	98.9 99.1	99.0	99.0	99.2	99.2	99.4	99.2
≥ 700	92.8	95.1 95.1	26.2	97.1 97.1	97.4	97.9	98.4 98.6	98.8	99.0	99.2	99.5	99.3	99.6	99.6	99.9	99.6
≥ 500 ≥ 400	92.8	95.1 95.1	96.2	97.1	97.6	98.0		98.9	99.2	99.4	99.6	99.7 99.7	99.9	ם מם ו	100.0	00.0
≥ 300 ≥ 200 ≥ 100	92.6	95.1 95.1	26.2	97.1	97.6	98.0		98.9 98.9	99.2	99.4	99.6	99.7 99.7	99.9	100.0	100.0	מיממו
≥ 100 ≥ 0		95.1 95.1	96.2	97.1	97.6	98.0	98.6	98.9	99.2	99.4	99.6	99.7 99.7			100.0	

AL NUMBER OF ORSERVATIONS 931

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOURT

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650

EIELSON AFB AK

73-82

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1522-1700

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ ?	≥1:	≥114	≥١	≥ 34	≥ 'a	≥ ',	≥ 5 16	≥.	≥0
NO CEILING ≥ 20000	49.7 57.8	49.6				49.8	49.8 57.9	49.6	49.9 57.9	49.8	49.8 57.9	49.8	49.8 57.9	49.8 57.9	49.8 57.9	49.8 57.9
≥ 18000 ≥ 16000	63.2 64.7	63.3	1 7 7 7 7			63.3 65.0	63.3 65.0	63.3 65.0	63.3 65.0	63.3	63.3 65.0	63.3	1	63.3 65.0	63.3 65.0	
≥ 14000 ≥ 12000	65.0 68.4	65.3	1	65 • 3 68 • 8		65.3 68.8	65.3 68.8	65.3 68.8	65.3 68.8	65.3 68.8	65.3 68.8	65.3	65.3 68.8	65.3 68.8	65.3 68.8	65.3 68.8
≥ 10000 ≥ 9000	72.8 75.8	73.1 76.1	73.1 76.1	73.1 76.1	73.1 76.1	73.1 76.1	73.1 76.1	73 • 1 76 • 1	73.1 76.1	73.1 76.1	73.1 76.1	73.1 76.1	73.1 76.1	73.1 76.1	73.1 76.1	73.1 76.1
≥ 8000 ≥ 7000	81.7 83.3	82.0 83.7		62.D 83.7		82.0 83.7	82.0 83.7	82.0 83.7	82.D 83.7	82.0 83.7	82.0 83.7	82.0 83.7	82.3 83.7	82.0 83.7		82.0 83.7
≥ 6000 ≥ 5000	83.8 87.4	84.1 87.8	84.1 88.0	84 • 1 88 • 0	84.1 88.2	84.1 88.2	84 - 1 88 - 2	84 • 1 88 • 2	84.1 88.2	84.1 88.2	84.1 88.2	84.1 88.2	84.1 88.2	84 • 1 88 • 2	84.1 88.2	84 • 1. 88 • 2
≥ 4500 ≥ 4000	8 8.7 9 0. 9	89.0 91.2	91.4	89.3 91.6	89.6	89.6 91.8	89.6 91.8	89.6 91.8	89.6 91.8	89.6 91.8	89.6 91.8	89.6 91.8	69.6 91.5	89.6 91.8	89.6 91.8	89.5 91.8
≥ 3500 ≥ 300°	92 • 2 93 • 3	92.6	93.8	93.0 94.0	93.4	93.4 94.4	93.4 94.4	93.4	93.4 94.4	93.4 94.4	93.4 94.4	93.4	93.4	93.4 94.4	93.4	93.4 94.4
≥ 2500 ≥ 2000	93.4 93.9	94.8	95.1	94.7 95.4		95.1 95.9	95.1 95.9	95.1 95.9	95.1 96.0	95.1 96.0	95.1 96.0	95.1 96.0			95.1 96.3	95.1 96.0
≥ 1800 ≥ 1500	94.0 94.3	94.9 95.3	95.7	95.6 96.3	96.8 96.8	96.0 96.8	96.B	96.1 97.0	96.2 97.1	96.2 97.3	96.2 97.3	96.2		97.3		96.2
≥ 1000	94.3	95.4 95.8	96.6		98.1	97.3 98.1	97.3 98.1	97.6 98.3	97.7 98.4	97.9 99.0	97.9 99.1	97.9	97.9 99.1	97.9 99.1	99.1	97.9 99.1
≥ 900 ≥ 800	94.3	95.9	96.7		98.2	98.2 98.2	98.2 98.2	98.6 98.6	98.8 98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700 ≥ 600	94.3	95.9	96.7	97.6	98.6	98.4 98.6	98.4 98.6	98 • 8 98 • 9	99.0 99.1	99.6	99.7 99.9		100.0		100.0	
≥ 500 ≥ 400	94.3	95.9	96.7	97.6 97.6	98.6		98.6 98.6	98.9 98.9	99.1 99.1	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	94.3	95.9	96.7	97.6 97.6	98.6	98.6	98.6 98.6	98.9	99.1	99.8 99.8	99.9	99.9	100.0	100.0	100.0	100.0
> 100 ≥ ′)	94.3	95.9		97.6 97.6		98.6 98.6	98.6 98.6	98.9 98.9	99.1 99.1	99.8	99.9		100.0		100.0	

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC (ULA) 0-14-5 (OLA) MEVIOUS EDITIONS OF THIS FORM ARE ORGOLET

CLOSAL CLIMATOLOGY BRANCH USAFETAC AIH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

13-82

MAP 9

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1805-5000

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥17:	≥١.	≥1	≥	≥ '•	≥ :	≥5 16	≥ •	≥c
NO CEILING ≥ 20000	49.7 57.0	49.8	49.8 57.1	49.8 57.1	49.8 57.1	49.8 57.1	49.8 57.1	49.8 57.1	49.8	49.8 57.1	49.8 57.1	49.8 57.1	49.8	49.8 57.1	49.8	49.8 57.1
≥ 18000 ≥ 16000	62.9 63.8	63.0 63.9	63.0 63.9	63.0 63.9	63.0 63.9	63.0 63.9	63.0 63.9		63.0 63.9		63.0 63.9	63.D	63.3 63.9	63.0		63.0 63.9
≥ 14000 ≥ 12000	65.0 66.8	65.1 66.9	65.1 66.9	65 • 1 66 • 9	65.1 66.9	65.1 66.9	65.1 66.9	65.1 66.9	65.1 66.9	65 · 1 66 · 9	65.1 66.9	65.1 66.9	65.1 66.9	65.1 66.9	65.1	65.1 66.9
≥ 10000 ≥ 9000	71.8 76.1	72.1	72.1 76.5	72.1 76.6	72.1 76.6	72 • 1 76 • 6	72.1 76.6	72.1 76.6	72.1 76.6	72.1	72.1 75.6	72.1	72.1 75.6	72.1 75.6	72 • 1 76 • 6	72.1 76.6
≥ 8000 ≥ 7000	82.4 84.4	83.2	83.2 85.2	83.2 85.2	83.2 85.2	83.2 85.2	83.2 85.2	83.2 85.2	83.2	83.2	83.2 85.2	83.2 85.2	83.2 85.2	83.2 85.2	83.2	63.2 85.2
≥ 6000 ≥ 5000	85.2 87.9	86.1 89.2	86.1 89.4	86.1 89.4		86.1 89.4	86.1	86.1	86-1	86.1 89.4	86.1	86.1	85.1	86.1	86.1	86.1
≥ 4500 ≥ 4000	68.9 90.3	90.4	90.7	90.7 92.3	90.7	90.7 92.3	90.7	90.7 92.3	93.7	90.7	90+7 92-3	90.7		90.7	93.7	90.7
2 3500 2 3000	91.4 91.9	93.1 93.6	93.4	93.4	93.4	93.4	93.4 94.2	93.4 94.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500 ≥ 2006	92.1 92.2	93.9	94.2	94.2	94.6 95.0	94.6 95.0	94.6	94.6 95.0	94.6	94.6 95.0	94.6 95.0	94.6	ì		94.6	94.6
2 1800 2 1500	92.2 92.9	94.2		94.7 95.6		95.0 96.0		1	95.0	95.0	95.0 96.7	95.0	95.0 96.7	95.0 96.7	95.0 96.7	95.D 96.7
≥ 1200 ≥ 1000	93.2 93.2	95.2 95.7	95.8	96.0 96.7	96.4 97.2	96.4	96.9 98.1	97.2 98.8	97.2 98.8	97.4	97.6 99.3	97.6	97.6	97.6	97.6	97.6
≥ 900 ≥ 800	93.2 93.2	95.7 95.7	96.4	96 • 7 96 • 7	97.3 97.3	97.7	98.2 98.2	98.9 98.9	98.9 98.9	99.4	99.6	99.6	i	99.6	1	99.6
≥ 700 ≥ 600	93.2 93.2	95.7 95.7	96.4	96 • 7 96 • 7	97.4	97.9		99.1 99.1	99.1	99.7	99.8	99.8		99.8		99.8
≥ 500 ≥ 400	93.2 93.2	95.7 95.7	96.4	96.7 96.7	97.4 97.6	97.9	98.4	99.1 99.2	99.1	99.7	99.8	99.8		1	99.8	
≥ 300 ≥ 200	93.2 93.2		96.4	96.7	97.6	98.0	98.6	99.3	99.2	99.9	100.0		100-0	00.0		00.0
≥ 100 ≥ 0	93.2		96.4	96.7 96.7	97.6 97.6		1	1 1	99.3 99.3		100.0		l		L	100.0

TOTAL MILMBER OF ORCEDVATIONS

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCUE!

SUGBAL CLIMATOLOGY BRANCH OF AFETAC Alk "EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2122-2300

CEILING	_						VIS	MBILITY STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥172	≥1.	≥1	≥ .	≥`•	≥ :	≥5 16	2.	≥0
NO CEILING ≥ 20000	56.6 63.3	59.2 66.1	59.2 66.1	59.2 66.1	59.2 66.1	59.2 66.1	59.2 66.1	59.2 66.1	59.2 66.1	59.2 56.1	59.2 66.1	59.2 66.1	59.2 65.1	59.2 66.1		
≥ 18000 ≥ 16000	67.3 67.8	70.2 70.7				70.2 70.7	70.7		70.2 70.7		70.2 79.7	70.2	70.2 73.7	70.2		70.2 70.7
≥ 14000 ≥ 12000	68.3 69.3	71.2		71.2 72.2		71.2 72.2	71.2 72.2	i .	71.2	71.2	71.2 72.2	71.2	71.2 72.2	71.2 72.2		71.2
≥ 10000 ≥ 9000	72 • 2 76 • 0	75.1 79.0	_	75 • 1 79 • 0	i	75.1 79.0					75.1 79.3	75.1. 79.0	75.1 79.0	75.1 79.3		75.1 79.0
≥ 8000 ≥ 7000	80.3 82.8	83.8 86.3		83.9 86.4	1	83.9 86.6	83.9 86.6	1 1					83.9 66.6		83.9 86.6	
≥ 6000 2 5000	6 3.6 5 6. 3	87.1 89.6				87.3 89.9			-	1					l .	87.3 89.9
≥ 4500 ≥ 4000	86.6 67.0	90.7	90.8			91.0 91.4	_			_	1 -	91.0 91.4		91.0 91.4	91.3 91.4	91.0 91.4
2 3500 2 3000	88.0 88.1	92.1 92.6	-			92.6 93.4	92.6 93.4	:		92.6 93.4	1	92.6 93.4		92.6 93.4		
≥ 2500 ≥ 2000	8 8.1	92.9 93.2			· .	94.4 95.1	94.6	()	94.6	l .	(94.6 95.2	94.6 95.2	94.6 95.2
2 800 2 1500	88 - 3 88 - 7	93.3 93.7	94.0		1 1	95.7 96.9	95.8 97.0	l l	95.8 97.1	95.8 97.1	:	95.8 97.1		1		95.8 97.1
≥ +200 ≥ +000	89.0 89.2	94.3 94.7	95.1 95.4		. [97.7 98.4	97.8 98.9	1 1	97.9 99.0				97.9 99.0		97.9 99.0	
≥ 900 ≥ 800	89.2 89.3	94.7 94.8	95.4 95.6			98 • 4 98 • 6	98.9 99.0	1	99.0	1	99.0		99.0	99.0		99.D
≥ 700 > 600	89.3 89.4	94.8				98.8 98.9	99.2 99.3	1		1					1 1	99.3 99.4
≥ 500 ≥ 400	89.4 89.4	95.1 95.1	95.9 95.9		98.7 98.7	99.1	99.6	99.7 99.7	99.7		99.7	99.7			1	
≥ 300 ≥ 200	89.4 89.4		95.9 95.9		98.7 98.9	99.1		100.0		100.0	100.0			100.0	100.0	
> 130 ≥ 0	89.4 89.4				98.9 98.9	- (100.0	1	1						

900

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE C

CL.5AL CLIMATOLOGY BRANCH LSAFETAC AIR REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 255C EIELSON AFB AX

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ ?	≥1:	≥; .	≥:	≥ :•	≥ .	≥ ;	≥5 \6	2.	≥ (
NO CEILING ≥ 20000	54.3 60.6	55.4	55.4	55 • 4 61 • 6	55.4 61.8	55.4 61.6	55.4 61.8	55.4 61.8	55.4 61.8		55.4 61.8		55.4 61.8	55.4		55. 61.
≥ 18000	65.9	65.6 6 ⁻ .1	65.6	65.6 67.2	65.6 67.2	65.6 67.2		1	- :	65.6 67.2	65 • 6 67 • 2	65.6 67.2	65.6	65.6 67.2	65.6 57.2	65.
≥ 14000 ≥ 12000	66.4	67.6		67.6 69.7	67.6 69.7		67.7 69.7	69.7	69.7	69.7	67.7 69.7	67.7 59.7	67.7	67 • 7 69 • 7	67.7 69.7	57. 59.
≥ 10000 ≥ 9000	72.5	73.8 76.3	76.4	73.8 76.5	73.8 76.5			76.5	76.5	76.5	73.9 76.5	73.9 76.5	76.5	76.5	73.9 76.5	76.
≥ 8000 ≥ 7000 ≥ 6000	79.7 82.3	81.4 84.0 84.9	81.5 84.2 85.0	84.2	81.6 84.3 85.2	81.6 84.3 85.2	84.3	84.3	89.3	84.3	84.3 65.3	81.6 84.3 85.3	81.6 84.4 85.3	84.4	84.4	91. 95.
≥ 5000	85.3 86.0	87.2 88.2	87.4	87.5	87.7 88.7	87.7 85.7	67.8 88.7	87.8 88.7	87.8	87.8	67.8 68.8	1	87.8 88.8	87.8 88.8	87.8.	97. 98.
≥ 4000 ≥ 3500	37.2 68.0	89.6	89.8		95.2		90.3	90.3	90.3		90.3	91.4	92.3	90.3	92.3	
2 1000 2 2500	58.5 68.9	91.9	91.6	91.9	92.4	92.5 93.5					92.6		92.6	92.6	92.6	92. 93.
2 1800 2 1500	89.3	92.4	,,,,,	9: •5 93 • 6	94.5	94.4	94.5 94.8	94 . B		94.9	95.0					95.
± √200 ± √200	89.7	93.1	93.9	94.5	95.5 96.2 97.0	95.7	95.8 96.7 97.7	96.6	96.9	97.1		96.3 97.2 98.3			97.3	97.
≥ 900 ≥ 800	90.1 90.1	93.9 94.1 94.2	95.0 95.2 95.3	95.8 96.0 96.1	97.2	97.3 97.5			98.0 98.3		98.3 95.7 98.8	98.3 98.7	98.4 98.7	98.4 98.7 98.9	98.4 98.7 98.9	98. 98.
2 700 2 600	90.2	94.2	95.3	96.2	97.5	97.9 98.1				99.0	99.1		99.2	99.2		
≥ 500 ≥ 400	90.2 90.2	94.4	95.5 95.5	96.4	97.8	98 • 2 98 • 2	98.6 98.7	98.9 99.0	99.0 99.1	99.4	99.6	99.6 99.6	99.7 99.8	99.8 99.8	99.8 99.8	
≥ 300 ≥ 200	90•2 90•2	94.4	95.5 95.5	96.4	97.8 97.9	98.3 98.3	98.7 98.8		99.2		99.7	99.7 99.8	99.9		99.9 100.0	
≥ 100 i 2 0	90 • 2 90 • 2	94.4	95.5 95.5	96.4 96.4	97.9		98 • 8 98 • 8		99.2 99.2		99.8 99.8	99.8 99.8			100.0 100.0	

AD-A134 198	WEATHER ORSERY	ASKA REVISED U	INIFORM SUMMA FORCE ENVIR	RY OF SURFACE	316
UNCLASSIFIE	TECHNICAL APPL D USAFETAC/DS-83	/027 SBI-AD-E8	18 SCOTT A	F/G 4/2	NL
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MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS - 1963 - A

4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vis	IBILITY IST	ATUTE MIL	E S						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥27	≥ 2	≥1%	≥1.4	≥1	≥ ≒	≥ 'a	לי ≤	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	53.2 58.8	53.5 59.4	53.5 59.4	53.5 59.4	53.5 59.4	53.5 59.4	53.7 59.5	53.7 59.5	53.7 59.5	53.7 59.5	53.7 59.5	53.7 59.5	53.7 59.5	53.7 59.5	53.7 59.5	53.7 59.5
≥ 18000	64.4	64.9	65.1	64.9 65.1	64.9 65.1	64.9 65.1	65.1 65.2	65.1 65.2	65.1 65.2	65.1 65.2	65.1 65.2	65.1 65.2	65.1 65.2	65.1 65.2	65.1 65.2	65.1 65.2
≥ 14000 ≥ 12000	65.5	66.0	66.0 68.4	66.0 68.4	66.0 68.4	66.0 68.4	66.1 68.5	66.1 68.5	66.1 68.5	66.1 68.5	66.1 68.5	66.1 68.5	66.1 68.5	66 • 1 68 • 5	66.1 68.5	66.1 68.5
≥ 10000	74.0 76.0	74.5	74.5	74.5 76.6	74.5 76.6	74.5 76.6	74.6 76.7	74.6	74.6 76.7	74.6 75.7	74.6 76.7	74.6 76.7	74.6 76.7	74.6 76.7	74.6 76.7	74.6 76.7
≥ 8000 ≥ 7000	85.2	83.0	83.0	83.0 85.8	83.0 85.8	83.0 85.8	83.1 85.9	83.1 85.9	85.9	83.1 85.9	83.1 85.9	83.1 85.9	83.1 85.9	83.1 85.9	83.1 85.9	83.1 85.9
≥ 6000 ≥ 5000	87.3	90.4	90.4	88.0 90.4	90.4	90.4	88 • 1 90 • 5	88.1 90.5	90.5	88.1 90.5	88.1 90.5	88.1 90.5	88.1 90.5	88.1 90.5	88.1 90.5	98.1 90.5
≥ 4500 ≥ 4000	91.4	92.5 95.3	92.5 95.3	92.5 95.3	92.5 95.3	92.5 95.3	92.6 95.4	92.6 95.4	92.6	92.6 95.4	92.6 95.4	92.6 95.4	92.6 95.4	92 • 6 95 • 4	92.6 95.4	92.6 95.4
≥ 3500 ≥ 3000	95.5 96.2	96.6	96.8	96.8	96.8	96.8 97.5	96.9 97.6	96.9 97.6	96.9	96.9 97.6	96.9 97.6	96.9	96.9 97.6	96.9 97.6	96.9 97.6	96.9 97.6
≥ 2500 ≥ 2000	96.5	97.6	97.6	97.6 98.0	98.5	98.D 98.5	98.6	98.1 98.6	98.1 98.6	98-1 98-6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6	98.1 98.6
≥ 1800 ≥ 1500	96.5	97.5	97.8	98.0 98.5	98.5	98.5 99.0	98.6 99.1	98.6	98.6	98.6 99.1	98.6	98.6	98.6	98.6 99.1	98.6	98.6
≥ 1200 ≥ 1000	96.6	98.3 98.3	98.3 98.3	98.5 98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1 99.1	99.1	99.1 99.1	99.1
≥ 900	96.6 96.6	98.3	78.3	98.5	99.0	99.0 99.0		99.1 99.1	99.1	99.1	99.1	99.1	99.1 99.1	99.1	99.1	99.1
≥ 700 ≥ 600 ≥ 500	96.9	98.6	98.6	98.8	99.5	99.5	99.2	99.5	99.2 99.6	99.2 99.6	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500 ≥ 400 ≥ 300	96.9	98.6	98.6	98.8	99.5	99.5	99.6	77.6	99.6	77.6	99.8	99.8	99.8 99.8	99.8	99.8 99.8	99.8
≥ 100	96.9	98.6	98.6	98.8	99.5	99.6	99.8	99.8	79.8	99.8	100.0	00.0	100.0	00.0	00.0	100.0
2 0	96.9	98.6	98.6	98.8	99.5	99.6	99.8	99.8	99.8	99.8	100.0	: !			: .	1

USAF ETAC NO. 0-14-5 (OL A) REVIOUS BIRTONS OF THIS FOL

GLÖBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥27	≥2	ב'ו≤	≥1%	<u>≥</u> 1	≥ 3,4	≶ ,•	≥ '+	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	48.0 54.5	48.1	98.2 59.7	48.2 54.7	48.4	48.4	48.4	48.4	48.4	48.5 55.0	48.5 55.0	48.5 55.0		48.5 55.D	48.7 55.1	46.8 55.2
≥ 18000 ≥ 16000	57.4 57.5	57.5 57.6	57.6 57.7	57.6 57.7	57.8 57.9		57.8 57.9	57.8 57.9	57.8 57.9	57.9 58.0	57.9 58.0	57.9 58.0	57.9 58.0	57.9 58.0	58.0 58.1	58.1 58.2
≥ 14000 ≥ 12000	58.0 61.9	58.1 61.5	58.2 61.6	58 • 2 61 • 6	58.4 61.8	58.4 61.8	58.4 61.9	58.4 61.9	58.4 61.9	58.6 62.1	58.6 62.1	58.6	58.6 62.1	58.6 62.1	58.7 62.2	58.8 62.3
≥ 10000	72.3 79.2	72.4	72.6 7 9. 7	72.6	72.8 74.9		72.9 75.0	72.9 75.0	72.9 75.0	73.1 75.2	73 • 1 75 • 2	73.1 75.2	73.1 75.2	73.1 75.2	73.2 75.3	73.3 75.5
≥ 8000 ≥ 7000	78.9 83.2	79.4 83.7	79.5 83.9	83.9	79.8 84.1	79.8 84.1	79.9 84.2	79.9 84.2	79.9 84.2	80.1 84.4	80.1	80.1	8D-1	80.1	80.2 84.5	80.3
≥ 6000 ≥ 5000	84.4 88.3	85.0 89.0	89.1	85.1 89.1	85.4 89.3	85.4 89.3	85.5 89.5	85 • 5 89 • 5	85.5 89.5	85.7 89.7	85.7 89.7	85.7 89.7	85.7 89.7	85.7 89.7	85.8 89.8	85.9 89.9
≥ 4500 ≥ 4000	89.7 91.1	90.4		90.5 92.8	93.0	90.7 93.0	90.9 93.1	90.9 93.1	90.9 93.1	91.1 93.3	91.1 93.3	91.1	91.1	91.1	91.2	91.3 93.5
≥ 3500 ≥ 3000	92.8 94.4	93.8 95.8	96.0	94.0 96.0	94.2	96.2	94.3	94.3 96.3	94.3 96.3	94.5 96.6	94.5 96.6	94.5	94.5	94.5	94.6	96.8
≥ 2500 ≥ 2000	94.5	95.9	96.2	96.9	96.4 97.1	96.4 97.1	96.6 97.2	96.6 97.2	96.6 97.2	96.8 97.4	96.8 97.4	96.8	96.8 97.4	96.8	96.9 97.5	97.0
≥ 1800 ≥ 1500 ≥ 1200	95.0 9 5.2	96.6 96.8	97.2	96.9 97.2	97.1 97.6		97.2 97.7	97.8	97.2	97.4 98.1	97.4 98.1	97.4	97.4 98.1	97.4 98.1	97.5 98.2	98.3
≥ 1000	95.5 95.6	97.1		97.5 97.7	98.1 98.3	98 • 1 98 • 3	98.2 98.4	98 • 3 98 • 5	98.3	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.6	98.9
≥ 900 ≥ 800 ≥ 700	95.6 95.6	97.3	97.7 97.7 97.7	97.7 97.7 97.8	98.3 98.3	98.3 98.3	98.4	98.5 98.5	98.5 98.5 98.9	98.7 98.7	98.7 98.7	98.7 98.7	98.7 98.7	98.7 98.7	98.8	98.9
≥ 600	95.6 95.1	97.1	97.1	97.8 98.2	98.4	98.4 98.4 98.7	98.8 98.8	98.9 98.9	98.9	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1	99.2	99.4
≥ 400	95.1 95.1	97.6	98.1	98.2	98.7	98.7	99.2	99.4	99.4	99.6	99.5 99.6 99.7	99.6	99.6	99.5 99.6	99.6 99.7	99.7 99.8
≥ 100	95.7 95.7	97.6	98.1	98.2	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	99.8		100.0
≥ 0	95.7	97.6		98.2	98.7	98.7	99.4	99.5	99.5	99.7	99.7	99.7	99.8	77.8	92.9	00.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> ពទី១៥-១៩១១</u>

CEILING							VIS	IBILITY -ST.	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥4	≥3	≥2 ?	≥ ?	≥1'7	≥1%	≥1	≥ ل	≥ 24	≥ '5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	49.1 57.5	49.1 57.5		49.1 57.5	49.2 57.6	49.2 57.6	49.3 57.8	49.3 57.8	49.3 57.8	49.3	49.4 57.9	49.4	49.5 58.0	49.5 58.0		49.6 58.1
≥ 18000 ≥ 18000	62.0	62.3		62.0 62.3	62.1 62.4	62.1 62.4	62.3 62.6	62.3 62.6	62.3 62.6	62.6	62.4 62.8	62.4 62.8	62.5	62.5 62.9	62.6 63.3	62.6 63.0
≥ 14000 ≥ 12000	63.0	63.0	1	63.0 65.6	63.1 65.7	63.1 65.8	63.3 66.1	63.3 66.1	63.3 66.1	63.3 66.1	63.4	63.4	63.5	63.5 66.3	63.6 66.4	63.6 66.4
≥ 10000	74 • 1 76 • 7	74.1 76.7		74 - 1 76 - 7		_	74 • 6 77 • 4	74.6 77.4	74.6	74.6 77.4	74.7 77.5	74.7 77.5	74 • 8 77 • 6	74.8 77.6		
≥ 8000 ≥ 7000	81.1	83.6	83-7	81.2	89.0		81.8	81.8	81.8	81.8	81.9	81.9	82.0	84.6	84.7	82.1
≥ 5000 ≥ 5000	84.8	84.9	85.0	85.0	88.9	85.4 89.0	85.7 89.3	85.7 89.3	85.7	85.7 89.3	85.8	85.8	85.9	85.9	89.7	86.0
≥ 4500 ≥ 4000 ≥ 3500	89.3 90.3	89.6 90.6		89.7 90.7 92.5	_	90.0 91.1 92.8	91.4	90.3 91.4 93.1	90.3 91.4 93.1	90.3 91.4 93.1	90.4 91.5 93.2	90.4 91.5 93.2	90.5 91.6 93.3	90.5 91.6 93.3	91.7	91.7
2 3000 2 2500	93.6	94.0		94.1	94.3		94.7	94.7 96.D	94.7 96.D	94.7 96.0	94.8	94.8	94.9	94.9 96.2	95.0	95.0
≥ 2000	94.5	95.4	95.6	95.7	95.9		96.3	96.3	96.3	96.3	96.4	96.4	96.6	96.6	96.7	96.7
≥ 300	95.3	96.7	96.6	96.7	96.9		97.3	97.3	97.3	97.3	97.4	97.4		97.5 98.3	97.6	97.6
≥ 1000 ≥ 900	95.5	97.1	97.5	97.6	97.8	98.0	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7 98.8	98.8 98.9	98.8
≥ 800	95.5	97.1	97.6		98.2	98.3	98.6 98.8	98.6	98.6	78.6	98.7	98.7	98.8	98.8 99.0		98.9
≥ 600 ≥ 500 ≥ 400	95.6	97.5	97.8	98.2	98.6	98.5	99.5	99.5	99.5	99.5	99.6		99.2	99.2	99.8	99.4
≥ 300 ≥ 200	95.6	97.5	98.1	98.2	98.7	78.8	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9		100.0
≥ 100 ≥ 0	95.6 95.6	97.5 97.5	98.1	98.2 98.2 98.2	98.7	78.8	99.7 99.7 99.7	99.7	99.7 99.7	99.7 99.7	99.8	99.8 99.8 99.8	99.9		100.0	

U. AF ETAC JULIS 0-14-5 (OL A) PREVIOUS ROMONS OF THIS FORM ARE ORBOLETE

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR =EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

102650 EIELSON AFB AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-1100

CEILING							VIS	IBILITY -ST	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1';	≥1%	≥1	ية ≤ٍ	≥ >•	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	50 .1 59.2	50.1 59.2	50.1 59.2	50 - 1 59 - 2	50.1 59.2	50 • 1 59 • 2	50.1 59.2	50.1 59.2	50.1 59.2	50 • 1 59 • 2	50.1 59.2	50.1 59.2	50 • 1 59 • 2	50 • 1 59 • 2	50 • 1 59 • 2	
≥ 18000 ≥ 16000	63.9	63.9 65.2	63.9 65.2	63.9 65.2	63.9 65.2	63.9	63.9 65.2	63.9 65.2	63.9 65.2	63.9	63.9 65.2	63.9	63.9	63.9 65.2	63.9	63.9 65.2
≥ 14000 ≥ 12000	65.8 68.6	65.8 68.6	65.8 68.6	65 • 8 68 • 6	65.8 68.6	65.8 68.6	65.8	65.8	65.8 68.6	65.8 68.6	65.8 68.6	65.8	65.8	65.8 68.6	65.8	65.8 68.6
≥ 10000 ≥ 9000	76.1 78.6	76.1 78.6	76.1 78.6	76.1 78.6	76.1 78.6	76 • 1 78 • 6	76.1 78.6	76.1 78.6	76.1 78.6	76.1 78.6	76 - 1 78 - 6	76.1 78.6	76.1 78.6	76.1 78.6	76.1 78.6	76.1 78.6
≥ 8000 ≥ 7000	82.4	82.6	82.6	82.6 85.2	82.6 85.2	82.6 85.2	82.6 85.2	82.6 85.2	82.6 85.2	82.6	82.6 85.2	82.6 85.2	82.6 85.2	82.6 85.2	82.6 85.2	82.6
≥ 6000 ≥ 5000	85.5 87.1	85.7	85.7 87.3	85.7 87.3	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5	85.7 87.5
≥ 4500 ≥ 4000	88.2 90.2	88.4	88.4 90.5	88.4 90.5	88.6	88.6		88.6	88.6 90.9	88.6 91.0	88.6 91.0	91.0	88.6	88.6	88.6 91.1	58.6 91.1
≥ 3500 ≥ 3000	91.8 93.3	92.0 93.8	92.2	92 • 2 93 • 9	92.5	92.5	92.5		92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 2500 ≥ 2000	94.0	94.7	94.8 95.7	94.8	95.2 96.0	95.2 96.0	i	95 • 2 96 • 1	95.2 96.1	95.3 96.2	95.3 96.2	95.3	95.4	95.4 96.3	95.4 96.3	95.4
≥ 1800 ≥ 1500	94.5 95.1	95.7	95.8 96.3	96.3	96.1 96.7	96 - 1 96 - 7	96.1 96.7	96.2 96.8	96.2 96.8	96.3 96.9	96.3 96.9	96.3 96.9	97.0	96.5 97.0	96.5 97.3	,
≥ 1200 ≥ 1000	95.5 96.0	97.0 98.0	97.1 98.2	97.1 98.3	97.5 98.8	97.5	98.8	98.9	97.6 98.9	99.3	97.7 99.0	97.7 99.0	99.1	97.8	99.1	97.8
≥ 900 ≥ 800	96.1 96.1	98.2 98.2	98.4	98.5 98.5	99.0 99.0	99.0	99.0	99.1	99.1 99.1	99.2	99.2 99.2	99.2	99.4	99.4	99.4	99.4
≥ 700 ≥ 600	96.3 96.3	98.5	98.7 98.8	98.8 98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6 99.7	99.6 99.7	99.7	99.7 99.8	99.7 99.8	
≥ 500 ≥ 400	96.5 96.5	98.7	99.0	99.1 99.1	99.7	99.7 99.7	99.7 99.7		99.8	99.9	99.9 99.9	99.9	00.0	100.0		100.0
≥ 300 ≥ 200	96.5	98.7	99.0	99.1	99.7	99.7 99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0		100.0	ם במו
≥ 100 ≥ 0	96.5	98.7	99.0	99.1 99.1	99.7 99.7	99.7 99.7	99.7	99.8 99.8	97.8 77.8	99.9	99.9	99.9 99.9		100.0	100.0	

OTAL NUMBER OF OBSERVATIONS Q T

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS SOMTONS OF THIS FORM ARE OSSOURT

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

712650 EIELSON AFB AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY ST.	ATUTE MIL	ES			,	•		
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥ 2	≥1′2	≥1'4	≥1	≥ ¼	≥ 'n	≥ 5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	39.7 48.0	39.7	39.7 48.0	39.7 48.0	39.7	39.7 48.0	39.7 48.0	39.7	39.7	39.7	39.7 48.0	39.7 48.0	39.7 48.0	39.7 48.0	39.7 48.D	39.7
≥ 18000 ≥ 16000	53.4 54.2	53.4	53.4 54.2	53.4 54.2	2 7 7 1	53.4	53.4 54.2	53.4 54.2	53.4 54.2	53.4 54.2	53.4 54.2	53.4 54.2	53.4 54.2	53.4 54.2	53.4 54.2	53.4 54.2
≥ 14000 ≥ 12000	54 • 6 56 • 8	54.6 56.8	54.6 56.8	54 • 6 56 • 8	54.6 56.9	54.6	54.6 56.9	54.6 56.9	54.6 56.9	54.6 56.9	54.6 56.9	54.6 56.9	54.6	54.6 56.9	54.6 56.9	54.6 56.9
≥ 10000 ≥ 9000	63.4 67.1	63.4	63.4	63.4 67.1	63.5 67.2	63.5	67.2	63.5 67.2	63.5 67.2	63.5 67.2	63.5 67.2	63.5 67.2	67.2	63.5 67.2	67.2	63.5 67.2
≥ 8000 ≥ 7000	72.3	74.9	74.9	72.4	72.5 75.1	72.5 75.1	75.1	72.5 75.1	72.5 75.1	72.5 75.1	72.5 75.1	72.5	72.5	72.5 75.1	75.1	72.5
≥ 6000 ≥ 5000	76.2 81.8	76.3 82.0		76.3 82.2		76.5 82.3	76.5 82.3	76 • 5 82 • 3	76.5 82.4	76.5 82.4	76.5 82.4	76.5 82.4	76.5 82.4	76.5 82.4	76.5 82.4	76.5 82.4
≥ 4500 ≥ 4000	90.0 91.8	90.5 92.4	84.7 90.8 92.6	90.9	91.D 92.8	91.D	91.0 92.8	91.0 92.8	22	91.1	91.1 92.9	91.1	91.1 92.9	91.1 92.9	91.1 92.9	91.1 92.9
≥ 3500 ≥ 3000 ≥ 2500	94.1	94.7	94.9	92.7 95.1 96.3	95.2 96.5	92.8 95.2 96.5	95.2	95.2	95.3	95.3	95.3 96.6	95.3 96.6	95.3	95.3 96.6	95.3 96.6	95.3 96.6
≥ 2000	95.9	97.0		97.3	97.4	97.4	97.4	97.4	97.7	97.7	97.7 98.1	97.7		97.7		97.7
≥ 1500 ≥ 1200	97.0 97.2	98.4	98.6	98.7	98.8 99.0	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000 ≥ 900	97.4	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800 ≥ 700	97.4	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.4	98.8	99.4	99.5		99.7	99.7	99.7	100.0		100.0	100.0	100.0	100.0	100.0	100.0
≥ 400 ≥ 300 ≥ 200	97.4	98.8	99.4	99.5	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	97.4	98.8	99.4			99.7	99.7		100.0	100.0			100.0	r	00.0	100.0
L	97.4	98.5	77.4	99.5	99.7	99.7	99.7	77.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0

TOTAL NUMBER OF OBSERVATIONS_____

930

USAF ETAC 101.64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRETE

GLURAL CLIMATOLOGY BRANCH LSAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7:2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY STA	TUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1'7	≥1%	≥1	≥ ≒	۵, ≷	≥ ″	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	32.9 43.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 18000 ≥ 16000	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2	51.4 53.2
≥ 14000 ≥ 12000	54.3 56.2	54.3 56.2	54.3 56.2	54 • 3 56 • 2	54.3 56.2	54.3 56.2	54.3 56.2	54.3 56.2	54.3 56.2	54.3 56.2	54.3 56.2	54.3 56.2	54.3 56.2	54.3 56.2	54.3 56.2	54.3 56.2
≥ 10000 ≥ 9000	63.5	63.5	63.5 67.4	63.5 67.9	63.5 67.9	63.5 67.9	63.5 67.4	63.5 67.9	63.5	63.5	63.5	63-5	63.5 67.4	63.5	63.5 67.4	63.5 67.8
≥ 8000 ≥ 7000	73.2 75.4	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7	73.5 75.7
≥ 6000 ≥ 5000	77.3 82.9	77.6	77.6	77.6 83.2	77.6	77.6	77.6	77.6 83.2	77.6	77.6	77.6 83.2	77.6	77.6 83.2	77.6	77.6 83.2	77.6 83.2
≥ 4500 ≥ 4000	84.9 92.4	85.3	85.3 92.8	85.3 92.8	85.3 92.8	85.3	85.3 93.0	85.3 93.1	85.3 93.1	85.3 93.1	85.3 93.1	85.3 93.1	85.3 93.1	85.3	85.3 93.1	85.3 93.1
≥ 3500 ≥ 3000	94.2 96.5	94.6	94.6 97.1	94.6 97.1	94.6	94.7	94.8 97.3	94.9	94.9	94.9	94.9 97.4	94.9	94.9 97.4	94.9	94.9 97.4	94.9
≥ 2500 ≥ 2000	97.5 98.3	98.3	98.3	98.3 99.1	98.3	98.4	98.5	98.6 99.5	98.6	98.6 99.5	98.6	98.6	98.6	98.6	98.6 99.5	98.6
≥ 1800 ≥ 1500	98.3 98.3	99.1	99.1	99.1 99.1	99.1	99.2		99.5 99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200 ≥ 1000	98.4 98.4	99.2	99.2	99.2 99.5	99.2	99.4	99.5 99.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.5 99.8	99.6 99.8
≥ 900 ≥ 800	98.4 98.4	99.4	99.5	99.6	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700 ≥ 600	98.4	99.4	99.5	99.6	99.7	99.8	99.9	100 - 0 100 - 0	100.0				0.00	00.0	التناقية	00.0
≥ 500 ≥ 400	98.4	99.4	99.5	99.6	99.7	99.8	99.9		100.0	100.0 100.0	100.0		100.0		00.0	100-0
≥ 300 ≥ 200	98.4 98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0	00.0		100.0	100.0		00.0		100-0
≥ 100 ≥ 0	98.4 98.4	99.4	99.5	99.6	99.7	99.8	99.9	100.0		100.0		100.0		0.00		

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1935-Stoo</u>

CEILING							VIS	BILITY STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 7	≥177	≥1.	≥1	≥ ¼	≥ >•	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	39.9 48.0	39.9	39.9 48.3	39.9	39.9 48.0	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9 48.0	39.9	39.9
≥ 18000 ≥ 16000	54.7 55.9	54.7	54.7 55.9	54.7 55.9	54.7 55.9	54.7	54.7 55.9	54.7 55.9	54.7 55.9	54.7 55.9	54.7 55.9	54.7 55.9	54.7 55.9	54.7 55.9	54.7 55.9	54.7
≥ 14000 ≥ 12000	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0	57.6 59.0
≥ 10000 ≥ 9000	67.2 70.0	67.2 70.0	67.2 70.0	67.2 70.0	67.2 70.0	67.2 70.0		67.2 70.0	67.2 70.0	67.2 70.0	67.2 70.0	67.2	67.2 70.0	67.2 70.0	67.2 70.0	67.2 70.0
≥ 8000 ≥ 7000	77.2 80.2	77.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 80.5	77.5 8D.5	77.5 80.5
≥ 6000 ≥ 5000	81.8 87.2	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	82.1 87.5	52.1 67.5
≥ 4500 ≥ 4000	90.6 95.7	91.1 96.2	91.1 96.2	91.1 96.2	91.1 96.2	91.1 96.2	91.1 96.2	91 • 1 96 • 2	91.1 96.2	91.1 96.2	91.1 96.2	91.1 96.2	91 • 1 96 • 2	91.1 96.2	91.1 96.2	91.1 96.2
≥ 3500 ≥ 3000	97.3 98.1	97.8 98.7	97.8 98.7	97.8 98.7	97.8 98.7	97.8 98.7	98.7	97.8 98.7	98.D	98.0 98.8	98.0 98.8	98.0 98.8	98.0 98.8	98.0 98.8	98.D 98.8	98.0 98.8
≥ 2500 ≥ 2000	98.3 98.3	98.9	98.9 99.1	98.9 99.1	98.9 99.1	98.9	98.9 99.1	98.9 99.1	99.2	99.0 99.2	99.0	99.2	99.0	99.0 99.2	99.0	99.2
≥ 1800 ≥ 1500	98.3 98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1 99.4	99.2	99.2 99.5	99.2 99.5	99.2	99.2	99.2 99.5	99.2 99.5	99.2
≥ 1200 ≥ 1000	98.3 98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5 99.5	99.5	99.5 99.5	99.5
≥ 900 ≥ 800	98.3 98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5
≥ 700 ≥ 600	98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	98.3 98.3	99.4	99.4	99.6	99.7	99.7	99.7	99.7	100.0			99.8 L00.D		99.8 200.0	99.8	
≥ 300 ≥ 200 > 100	98.3	99.4	99.4	99.6	99.7 99.7	99.7 99.7	99.9	99.9	100.0 100.0	100.0	100.0 100.0	100.0	100.0	00.0	00.0	00.0
≥ 100 ≥ 0	98.3	99.4	99.4	99.6	99.7	99.7	99.9			100.0					100.0	

SLUBAL CLIMATOLOGY BRANCH LSAFETAC AIR BEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 265C EIELSON AFR AK

73-82

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-2100-2300

CEILING							VI\$	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥117	≥1'4	≥1	≥ ¼	4, ≷	≥ 7	≥ 5 16	٤.	≥0
NO CEILING ≥ 20000	48.6 52.8	49.0 53.2	49.0 53.2	49.0 53.2	49.0	49.0 53.2	49.0 53.2	49.0 53.2	49.0 53.2	49.0 53.2	49.0	49.0	49.0	49.0 53.2	49.0 53.2	49.C
≥ 18000 ≥ 16000	58.5 58.8	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2	58.9 59.2
≥ 14000 ≥ 12000	60 • 1 63 • 2	60.5 63.7	60.5	60.5 63.7	60.5 63.7	60.5 63.7	60.5 63.7	60.5 63.7	60 • 5 63 • 7	60.5 63.7	60 • 5 63 • 7	60.5 63.7	60.5 63.7	60.5 63.7	68.5	60.5 63.7
≥ 10000 ≥ 9000	68.7 71.2	69.1	69.1 71.6	69.1 71.6	69.1 71.6	69.1 71.6	69.1 71.6	69.1 71.6	69.1 71.6	69.1 71.6	69 • 1 71 • 6	69.1 71.6	69 • 1 71 • 6	69.1 71.6	69.1 71.6	69.1 71.6
≥ 8000 ≥ 7000	79.5 81.6	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3	79.5 82.3
≥ 6000 ≥ 5000	84.0 68.3	84.8	84.8	84.8 89.2	84.8 89.2	84.8 89.2	84.8	84.8	84.8	84.8 89.2	84.8	84.8	84.8	84.8 89.2	64.8	84.8
≥ 4500 ≥ 4000	90.6 94.4	91.8 95.7	91-8 95-7	91.9 95.8	91.9 95.8	91.9 95.8	91.9 95.8		91.9 95.8	91.9 95.8	91.9 95.8	91.9 95.8	91.9 95.8	91.9 95.8	91.9 95.8	91.9 95.8
≥ 3500 ≥ 3000	95 • 8 96 • 5	97.1 97.8	97 • 1 97 • 8	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	97.2 98.0	_	97.2 98.0	97.2 98.0
≥ 2500 ≥ 2000	96.7 97.2	98.1 99.2		98.2 99.5	98.2	98.2 99.4	98.2 99.4	98.2 99.4	98 • 2 99 • 4	98 • 2 99 • 4	98 • 2 99 • 4	98.2	98.2 99.4	98.2	98.2	98.2 99.4
≥ 1800 ≥ 1500	97.2 97.2	99.2	99.2		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200 ≥ 1000	97.2 97.2	99.2 99.2	99.2 99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900 ≥ 800	97.2 97.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700 ≥ 600	97•2 97•2	99.2	99.2	99.4	99.7	99.7 99.7	99.7 99.7	99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7	99.7 99.7	99.7 99.7	99.7 99.7
≥ 500 ≥ 400	97•2 97•2	99.2	99.2	99.4	99.7	99.7 9 9. 7	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9	99.9 100.0	99.9	99.9	99.9
≥ 300 ≥ 200	97•2 97•2	99.2	99.2	99.4	99.7	99.7 9 9. 7	100.0	100.0	100.0	100.0	100.0		100.0		100.0	
≥ 100	97.2 97.2	99.2	99.2	99.4	99.7	99.7 99.7	100.0	100.0	100.0		100.0		100.0		00.0	

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC 101.64 0-14-5 (OL A) REVIOUS SOTTINS OF THIS FORM ARE ORROLE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY :ST	ATUTE MIL	ES						
fE€⊺	≥10	≥6	≥ 5	≥4	≥ 3	≥2;	≥ 2	≥1:	≥1.	≥1	≥ .	≥ 2•	≥ 7	≥5 16	≥.	≥0
NO CEILING ≥ 20000	45.2 52.8		45.3 53.0	45.3 53.0		45.4 53.0	45.4 53.1	45.4 53.1	45.4 53.1	45.4 53.1	45.4 53.1	45.4 53.1	45.4 53.1	45.4 53.1	45.4 53.1	45.5 53.1
≥ 18000 ≥ 16000	58.2 58.9		58.4 59.1	58.4 59.1	58.4 59.1	58.4 59.1	58.4 59.2	58.4 59.2	58.4 59.2	58.5 59.2	58.5 59.2	58.5 59.2	ľ		58.5 59.2	
≥ 14000 ≥ 12000	59.9 62.3	60.0 62.5				60.1 62.5	60.1 62.6	60 • 1 62 • 6	60.1 62.6	60.1 62.6	60.1 62.6	60.1 62.6			60.2 62.7	
≥ 10000 ≥ 9000	69.9 72.7			70.1 72.8	70·1 72·9	70.1	70.2 73.0	70 • 2 73 • 0	70.2 73.0			70.2 73.0	!			70.3 73.1
≥ 8000 ≥ 7000	78.3 81.1	78.6 81.5	78.6 81.5			78.7 81.6	78.8 81.6	78.8 81.6	78.8 81.6	78.8 81.7	78.8 81.7	78.8 81.7	78.8 81.7	78 - 8 81 - 7	78.9 81.7	
≥ 6000 ≥ 5000	82 • 7 8 6 • 7	83.1 87.2	83.1 87.2	83.1 87.2		83.2 87.3	83.2 87.4	83.2 87.4	83.2 87.4	83.3 87.4	83.3 87.4	83.3 87.4	83.3 87.5	83.3 87.5	83.3 87.5	63.3 87.5
≥ 4500 ≥ 4000	88.7 92.4	89.2 93.0		89.3 93.1	89.4	89.4 93.3	89.4 93.3	89.4 93.4	89.4 93.4	89.5 93.4	89.5 93.4	89.5 93.4	89.5 93.5	89.5 93.5	89.5 93.5	
≥ 3500 ≥ 3000	93.9 95.3	94.6	94.7	94.7	94.8 96.4	94.9	94.9	94.9	95.0	95.0	95.0 96.6	95.D		95.1	95.1 96.7	95.1 96.7
≥ 2500 ≥ 2000	95.9 96.3	96.9 97.5	96.9 97.6			97.1 97.5	97.2 97.9		97.3 98.0	1	97.3 98.1	97.3 98.1	97.4 98.1	97.4 98.1	97.4 98.1	97.4 98.1
≥ 1800 ≥ 1500	96.3 96.6	97.6 98.0	97.7 98.1	97.7 98.2	. 1	97.9	98.0 98.5	98.D 98.5	98.1 98.6	98.1	98.1 98.6	98.1 98.6	98.2	98.2 98.6	98.2	
≥ 1200 ≥ 1000	96 • 7 96 • 9	98.2 98.4	98.3 98.6	98.4 98.7	98.6 99.0	98.7 99.0	98.8 99.1	98.8 99.1	98.9 99.2	98.9	1	98.9 99.2	98.9	98.9	99.0	99.0 99.3
≥ 900 ≥ 800	96.9 96.9		98.7 98.7	98.8 98.8	99.0 99.0	99.0	99.2 99.2		99.2 99.2	99.3		99.3		99.3	99.4	99.4
≥ 700 ≥ 6 00	96.9	98.5 98.6	98.7 98.8	98.9 98.9		99.2 99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500 ≥ 400	97.0 97.0	1	98.9 98.9			99.4	99.6 99.7	99.7 99.7	99.7 99.8	99.8 99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 300 ≥ 200	97.0		98.9 98.9			99.4	99.7 99.7	99.8	99.8 99.8	99.9	99.9	99.9		00.0	100.0	199.0
≥ 100 ≥ 0	97.0	1				99.4		99.8 99.8	99.B	99.9	99.9				100.0	

USAF ETAC TULES 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

កដ្ឋបន្ត-ពុះ១០

CEILING							VIS	IBILITY 'STA	ATUTE MILI	ES:					_	
FEET.	≥10	≥6	≥ 5	≥4	≥ 3	≥2 7	≥2	≥15	21%	≥1	≥ ′•	≥ ٧,	≥ '7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	35.9 41.3	36.6	36.7 42.1	36.7 42.1	36.7	36.7	36.7 42.1	36.7 92.1	36.7 82.1	36 • 7 92 • 1	36.7	36.7 42.1	36.7	36.7 42.1	36.7 42.1	36.7 42.1
≥ 18000 ≥ 16000	45.1 45.4	46.3	46.4	46.4 46.8	46.4	46.4	46.4	46.4	46.4	46.4 46.8	46.4 46.8	46.4	46.4	46.4 86.8	46.4	46.4
≥ 14000 ≥ 12000	46.1	47.3 50.3	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.8	47.4 50.4	50.4
≥ 10000 ≥ 9000	57.3 61.1	58.6 62.6	58.7 62.7	58.7 62.7	58.7 62.7	58.7 62.7	58.7 62.7	58 • 7 62 • 7	58.7 62.7	58.7 62.7	58.7 62.7	58.7 62.7	58.7 62.7	58.7 62.7		-1
≥ 8000 ≥ 7000	70.0 75.7	71.6	71.7	71.7 77.4	71.7 77.5	71.7	17.4	71 • 7 77 • 6	71.7	71.7	71.7 77.8	71.7	71.7	71.7 77.9	77.4	77.4
≥ 6000 ≥ 5000	78.7 86.0	80.2 87.8	80.3	80.4	80-4 88-0	80.4	88.0	80.4	80.4	80.4	80.4	80.4		80.4	AR-D	88-1
≥ 4500 ≥ 4000 ≥ 3500	87.1	89.3 -91.3	89.4 91.6	89.7 91.8	89.7 91.8	89.7 91.8	89.7 91.8	89.7 91.8	89.7 91.8	89.7 91.8	89.7 91.8	89.7	89.7 91.8	91.4	89.7	91.9
≥ 3000	90.2	93.1	93.4	93.7 95.8	93.7 95.8	93.7 95.8	93.7 95.8	93.7 95.8	93.7 95.8	93.7	93.7 95.8	93.7	93.7 95.8	93.7	95.8	93.8
≥ 2000	92.2 92.3 92.3	95.6 96.1	96.2 96.8	96.4 97.0 97.1	96.4 97.1 97.2	96.4 97.1 97.2	96.4 97.1 97.2	96.4 97.1 97.2	96.4 97.1 97.2	96.4 97.1 97.2	96.4 97.1 97.2	96.4 97.1 97.2	96.4 97.1 97.2	97.1 97.2	96.4 97.1 97.2	96.6 97.2 97.3
≥ 1500	92.7 92.9	96.1	97.3 97.9	97.6 98.1	97.7	97.7 98.2	97.7	97.7	97.7	97.7	97.7 98.2	97.7	97.7 98.2	97.7	97.7 98.2	97.8 98.3
≥ 1000	93.0 93.1	97.3 97.4	98.1 98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 800	93.1	97.4	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0		
≥ 600 ≥ 500	93.2 93.3	97.6	98.5	98.9	99.7	99.7	99.7	99.7	99.3	99.3	99.3	99.7	99.7	99.3	99.7	99.4
≥ 400	93.3	97.6	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 100	93.3 93.3	97.8	98.8	99.2 99.2	99.7 99.7	99.7	99.7	99.7 99.7	99.7	99.7 99.7	99.7 99.7	99.7	99.7	99.7 99.7		100-0
≥ 0	93.3	97.5	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS E

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2 ?	≥ 2	≥1′2	≥1.	≥1	≥ :•	≥ '•	≥ 7	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	35.3 40.1	36.0		36.2 41.4	36.3 41.6	36.3	36.3 41.6	36.3	36.3 41.6	36.3 41.6	36.3 41.6	36.3	36.3	36.3		36.3
≥ 18000 ≥ 16000	42.4 43.0	43.7		43.9	44.0	44.0	44.D	44.D	44.0	44.0 44.6	44.0	44.0	44.D	44.0	44.5	44.5
≥ 14000 ≥ 12000	44.3 46.6	45.2 47.8	45.3 47.9		45.6 48.1	45.6 48.1	45.6 48.1	45.6 48.1	45.6 48.1	45.6 48.1	45.6 48.1	45.6 48.1	45.6	45.6	45.6	45.6 46.1
≥ 9000 ≥ 9000	52.9 57.7			54.7 60.2	54.8 60.3	54.6 60.3	54.8 60.3	54.8 60.3	54.8 60.3	54.8 60.3	54.8 60.3	54.8 60.3	54.8 60.3	54.8 60.3	54.8 60.3	54 . E
≥ 8000 ≥ 7000	66.6 73.1	68.8 75.4	75.8	76.0		69.4 76.1	76.1	69.4 76.1	69.4 76.1	69.4 76.1	69.4 76.1	69.4 76.1	69.4 76.1	69.4 76.1	69.4 76.1	69.4 76.
≥ 6000 ≥ 5000	76.7 82.3	79.0 85.2	85.6	85.8	85.9	79.7 85.9	79.7 85.9	79.7 85.9	79.7 85.9		79.7 85.9	79.7 85.9	79.7 85.9	85.9	79.7 85.9	
≥ 4500 ≥ 4000	83.7 86.2	87.1 89.9	90.2	90.7	88.D 90.9	88.0 90.9	88.D 90.9		90.9	90.9	90.9	90.9	93.9	90.9	93.9	90.
≥ 3500 ≥ 3000	67.1 88.7	91.0	93.9	94.3		92.3	92.3 94.7	92.3 94.7	92.3 94.7	92.3 94.7	92.3 94.7		92.3	94.7		94.
≥ 2500 ≥ 2000	88.8	93.6 93.7	94.3	94.8	95.0 95.1	95.0 95.1	95.0 95.1	95.0 95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.
≥ 1800 ≥ 1500	88.8 88.8	93.7 93.7	94.7	95.1	95.2 95.6	95.2 95.6	95.6				95.2 95.6	95.2 95.6	95.2 95.6	95.6		95.1
≥ 1200	89.0	94.8	96.0	96.4	95.8 97.0	95.8 97.0	95.8 97.2	97.2	95.8 97.2	95.8 97.2	95.8 97.2		95.8		97.2	
≥ 900 ≥ 800	89.4	94.8		96.8	97.0 97.3	97.0	97.2		97.2 97.6	97.6	97.2	97.2 97.6	97.2 97.6	97.6		97.
≥ 700 ≥ 600	89.7	95.3 95.6		97.4	97.8 98.0	97.8 98.0	98.1 98.3	98.1 98.3	98.1 98.3		98.1 98.3	98.1 98.3	98.1 98.3			
≥ 500 ≥ 400	90.0 90.0		97.8	98.2		98.8		99.1	98.6	99.1	99.1	98.6	98.6	99.2		
≥ 306 ≥ 200 ≥ ±06	90.0	96.0 96.0	97.8	98.2		98.8		99.1 99.1	99.1 99.1	99.2 99.2	99.2 99.3			99.7 100.0		100-0
≥ 106 2 0	90.0	1	-	1 7		_	99.1	99.1	99.1	99.2				100.0		

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

<u> ខណ្ឌ-ភូន១០</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY STATUTE MILES CEILING FEET NO CEILING ≥ 20000 ≥ 18000 ≥ 16000 ≥ 14000 ≥ 12000 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 78.4 ≥ 6000 ≥ 5000 ≥ 4500 ≥ 4000 3500 ≥ 2500 ≥ 2000 2 1800 2 1500 ≥ 1200 ≥ 1000 900 600 500 2 300

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC (List 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBIGET

CLORAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EITESON AFB AK

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2505-1100

CEILING							VI5	SIBILITY STA	ATUTE MIL	ES.						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1 ;	≥1.	≥ 1	≥ .	≥`•	≥ .	25 10	≥ .	≥0
NO CEILING ≥ 20000	36 • 4 43 • 4	36.4 43.4	36.7 43.7	37.J	37.3 44.3	37.3	37.3 44.3	37.3 44.3	37.3		37.3 44.3	37.3 44.3	37.3 44.3	37.3 44.3	37.3 44.3	37.3
≥ 18000 ≥ 16000	48.1	48.4		49.0 50.0	49.3 50.3	49.3 50.3	49.3 50.3	49.3 50.3	49.3 50.3	49.3 50.3	49.3 50.3	49.3 50.3	49.3 50.3	49.3 50.3	49.3 50.3	
≥ 14000 ≥ 12000	50.4 53.1	50.8 53.4		51 • 3 54 • D	51.7 54.3	51.7 54.3	-	51.7 54.3	51.7 54.3	51.7 54.3	51.7 54.3	51.7 54.3	51.7 54.3	51.7 54.3	51.7 54.3	
≥ °0000 ≥ °0000	58 • 1 62 • 1	58.8 63.1	59.3 63.3	59.3 63.7	59.7 64.0	59.7 64.0				_	59.7 64.0	59.7 64.0	59.7 64.0	59.7 64.3	59.7	59.7 64.0
≥ 8000 ≥ 7000	68 • 6 73 • 3	69.8 71.6	70.0 71.8	70.3 72.1	70.7 72.4	70.7 72.4		,	70.7 72.6		70.7 72.6	70.7 72.6	70.7	70.7 72.6	70.7 72.6	70.7 72.6
≥ 6000 ≥ 5000	71 • 4 74 • 8	72.7 76.1	72.9 76.3	73.2 76.7	73.6 77.0	73.6 77.0	73.7 77.1		73.7 77.1	73.7 77.1		73.7 77.1	73.7 77.1	73.7 77.1	73.7 77.1	
≥ 4500 2 4000	76.8 60.2	78.2 81.9	78.6 82.3	78.9 82.7	79.2 83.D	79.2 83.0		79.3 83.1	79.3 83.1	79.3 83.1	79.3 83.1	79.3	79.3 63.1	79.3 83.1	79.3	79.3 93.1
2 3500 2 3000	81.2	83.1	83.7 86.7	84.0 87.0	84.3 87.3	84.3		1	84.4	84.4	84.4	84.4 87.4	84.4	84.4	84.4	84.4
≥ 2500 ≥ 2000	87.1	90.8	91.4	89.0 91.8	89.3 92.1	89.3 92.1	89.4 92.2		89.4 92.2		89.4 92.2			92.2	92.2	89.4 92.2
≥ 1800 ≥ 1500	87.6 68.9	91.2 93.2	92.0	92.4	92.8 94.8	92.B	94.9	94.9	92.9		92.9	92.9	94.9	94.9		94.9
≥ 1200 ≥ 1000	89.2 89.8	94.1 95.7	95.1 96.7	95.6 97.1	95.9	95.9	96.0 97.6	97.6	97.6	97.6	96.0 97.6	97.6	97.6		97.6	
≥ 900 ≥ 800 I	89.9 90.1	95.9		97.6 98.6	$\overline{}$		-	99.0	99.0		99.0	99.0	99.0	99.0		99.3
≥ 700 ≥ 600	90 • 1 90 • 2	97.0 97.1	98.6	99.1	99.4			99.7	99.7	99.7	99.6 99.7		99.7	99.7		99.7
≥ 100	90.3	97.3	98.8			99.9	100.0	100.0 100.0	100.0	130.0	100.C	0.0	30.0	00.0	100.0	00.0
≥ 300 ≥ 200	90.3	97.3	98.8		99.9	99.9	100.0	100.0	100.0	103.0	100.0	0.00	100.0	00.0	פ.פס ו	00.0
≥ 100 ≥ 0	90.3	97.3 97.3						100.0 100.0								

OTAL NUMBER OF OBSERVATIONS _______90

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLUBAL CLIMATOLOGY BRANCH SAFETAC Ale MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1400

CEILING				•••			VIS	IBILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2 7	≥ 7	≥1'7	≥1′•	≥1	≥ :•	≥ >•	≥ ,	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	29.3 39.4	30.0	30.2 40.3	30.2	30.2	30.2	30.2		30.2	30.2	30 · 2	30.2		30.2	30 • 2 40 • 3	30 • 2 40 • 3
≥ 18000	44.3	45.0	45.2 46.3	45.2 46.3	45.2 46.3	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000 ≥ 12000	46.I	46.8		47.0 49.2	47.0	47.0	47.1 49.3	47.1	47.1 49.3	47.1 49.3	47.1 49.3	47.1	47.1 49.3	47.1	47.1	47.1
≥ 10000 ≥ 9000	52.6 56.2	53.3 57.1	53.6 57.3	57.6	57.6	53.6 57.6	53.9 57.7	57.7	57.7	57.7	53.9 57.7	53.9 57.7	57.7	53.9 57.7	57.7	
≥ 8000 ≥ 7000 ≥ 6000	65.3	64.6	67.4	67.7	67.7	65.0 67.7	65.1 67.8	65.1 67.8	65.1 67.8	65.1 67.8	65.1 67.8	65.1 67.8	67.8	65.1 67.8	65.1 67.8	67.8
≥ 5000 ≥ 5000 ≥ 4500	68.3 74.8 78.3	69.2 75.7	69.4 75.9 79.6		69.7 76.1 79.8	69.7 76.1 79.8	59.8 76.2 79.9	76.2		76.2	69.8 76.2 79.9	69.8 76.2 79.9	76.2	69.8 76.2 79.9	69.8 76.2 79.9	69.8 76.2 79.9
≥ 4000 ≥ 3500	37.2	84.9 88.4	85.1	85.3 88.9	85.3	85.3 98.9	85.7	85.7	85.7	85.7	85.7 89.2	85.7 89.2	85.7	85.7 89.2	85.7 89.2	85.7
≥ 3000 ≥ 2500	90.1	91.7	91.9		92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.9	92.5	94.2	92.4	92.4
2 1800	92.8	94.9		95.2 95.3	95.2 95.3	95.2	95.6 95.7	95.6	95.6	95.6	95.6	95.6		95.6	95.6	95.6 95.7
2 1500 2 1206	93.3 93.8	95.8	96.8	96 • 4 97 • 0		96.6	96.9 97.4	96.9	96.9		96.9 97.4	96.9		96.9 97.4	96.9	96.9 97.4
2 1000 2 900 2 800	94.1	97.1 97.2		,,,,,	,	98.2 98.3	98.6	98.6	98.5	98.7		98.6		98.6	98.6 98.7	98.6
≥ 700 ≥ 600	94.3	97.9	1			99.3	99.8	1	99.8	99.8	99.1 99.8	99.1 99.8	99.8	99.8	99.8	99.3
≥ 500 ≥ 400	94.3 94.3	97.9 97.9	98.7	99.0 99.1	99.3 99.6 99.6	99.5 99.6	99.6 100.0	1	100.0	100.0	100.0	100.0	77.54		99.8 100.0	99.8
≥ 300	94.3	97.9	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.D	100.0	100.0	100.0	100.0		100.0
> 100 ≥ 6	94.3	97.9	98.7	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0 100.0				100-0

GL:BAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

71 2650

EIELSON AFB AK

73-82

- AUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1502-1700

CEILING							vis	IBILITY ST	ATUTE MIL	ES				-		
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≥1′2	≥1'4	≥1	≥ ¼		≥ 7	≥5 16	2 •	≥0
NO CEILING ≥ 20000	27.6 36.4	27.8 36.7	27.8 36.7	27 · 8 36 · 7	27.B 36.7	27.8 36.7	27.8 36.7	27.8 36.7	27.8 36.7	27.8 36.7	27.6 36.7	27•8 36•7	27 • 8 36 • 7	27 - 8 36 - 7	27.8 36.7	27.8 36.7
≥ 18000	41.2	41.5	41.6 42.7			41.6 42.7	41.6	41.6	41.6	41.6 42.7	41.6 42.7	41.6 42.7	41.6	41.6 92.7	41.6 42.7	41.6 92.7
≥ 14000 ≥ 12000	42.9 45.3	43.2	43.2 45.5	43.2 45.8		43.2 45.8	43.2 45.8	43.2 45.8	43.2 45.8	43.2 45.8	43.2 45.8	43.2 45.8	43.2 45.8	43.2 45.8	43.2 45.8	43.2
≥ 10000 ≥ 9000	52.2 57.3	52.8 57.9		52.9 58.1	52.9 58.3	52.9 58.3	52.9 58.3	52.9 58.3	52.9 58.3	52.9 58.3	52.9 58.3	52.9 58.3	52.9 58.3	52.9 58.3	52.9 58.3	52.9 58.3
≥ 8000 ≥ 7000	67.3 72.6	68.1 73.3	68.3 73.6	68.4 73.7		68.7 73.9	68.7 73.9	68.7 73.9	68.7 73.9	68.7 73.9	68.7 73.9	68.7 73.9	68.7 73.9	68.7 73.9	68.7 73.9	68.7 73.9
≥ 6000 ≥ 5000	76.1 81.4	76.9 82.2		77.2 82.7	1	77.4 82.9	77.4 82.9	77.4 82.9	77.4 82.9	77.4 82.9	77.4 82.9	77.4 82.9	77.4 82.9	77.4 82.9	77.4 82.9	77.4 82.9
≥ 4500 ≥ 4000	85.0 89.3	85.9 90.2		86.4 90.9		86.7 91.1	86.7 91.1	86.7 91.1	86.7 91.1	86.7 91.1	86.7 91.1	86.7 91.1	86.7 91.1	86.7 91.1	86.7 91.1	86.7 91.1
≥ 3500 ≥ 3000	91.3 94.3	92.2	92.8 95.9	92.9 96.0		93.1 96.2	93.1 96.2	93.1 96.2	93.1 96.2	93.1 96.2	93.1 96.2	93.1 96.2	93.1 96.2	93.1 96.2		93.1 96.2
≥ 2500 ≥ 2000	95.1 95.9	^6.1 97.1	96.7	96 • 8 97 • 8		97.0 98.0	97.D 98.D	97.0 98.0	97.0 98.0	97.D 98.D	97.0 98.0	97.0 98.0	97.0 98.0	97.0 98.0	97.0	97.0 98.0
≥ 1800 ≥ 1500	95.9 96.4	97.2 97.9		97.9 98.6		98.1 98.8	98.1 98.8	98.1 98.8	98.1 98.8	98.1 98.8	98.1 98.8	98.1 98.8	98.1 98.8	98.1 98.8	98.1 98.5	98.1 98.8
≥ 1200 ≥ 1000	96.6 96.7	98.4 98.6		99.1 99.2	99.3	99.3 99.4	99.3	99.3 99.4	99.3	99.3	99.3 99.4	99.3	99.3	99.3	99.3	99.3
≥ 900 ≥ 800	96.7 96.7	98.8 99.0		99.6 99.8		99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0	99.5 100.0	99.8 100.0	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	96.7 96.7	99.0	1 1			100.0 100.0	7 7 2 2			100.0 103.0	100.0	100.0	100.0	00.0	00.0	
≥ 500 ≥ 400	96.7 96.7	99.0			100.0		100.0 100.0		100.0 100.0			100.0		100.0		100.0
2 306 ≥ 200	96.7 96.7	99.0	1 1		100.0 100.0	100.0 100.0			100.0 100.0			100.0				100.0
≥ 100 ≥ 5	96.7 96.7	99.0	1 1			100.0 100.0			100.0 100.0					00.0	100.0	

AL MILMORE DE COCCEDATIONS 9

USAF ETAC 101 M 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

(3-62

1803-5000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							viS	IBILITY -ST	ATUTE MIL	.ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥1';	≥1%	≥1	هڏ ≦	≥ >∎	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	31.9	31.9			31.9		31.9	31.9 40.1	31.9	31.9	31.9	31.9		31.9	31.9	31.9
≥ 18000 ≥ 16000	45.1	45.8		45.8	45.8	1		45.8	45.8	45.8	45.8	45.8		45.8	45.8	45.8
≥ 14000 ≥ 12000	47.2	47.9 50.3	47.9 50.3	47.9 50.3	47.9 50.3	47.9 50.3	47.9 50.3			47.9 50.3			47.9 50.3		47.9 50.3	47.9 50.3
≥ 10000 ≥ 9000	59.9	60.8	60.8	60.8	60.8	60.8	63.8		60.8	60.8		60.8	60.8		65.2	60.8
≥ 8000 ≥ 7000	72.4	73.1 79.4	73.8		73.8	73.8		73.8				73.8	73.8	73.8 79.6		
≥ 6000 ≥ 5000	80.8	82.1											82.2		82.2	82.2
≥ 4500 ≥ 4000	88.2	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3		90.3	90.3	93.3	90.3		90.3
≥ 3500 ≥ 3000	93.7	95.3	95.8	95.8	95.8	95.8	95.B	95.8	95.8	95.8	95.8	95.8		95.8		95.8
≥ 2500 ≥ 2000	96.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1		99.1	99.1	99.1	99.1
≥ 1800 ≥ 1500	96.4	99.0	99.6	99.6		99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6		99.6	
≥ 1200 ≥ 1000	96.4	99.1	99.7		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
≥ 900 ≥ 800	96.4	99.2	99.8		99.8	99.8	99.8	99.8	99.B	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	96.4	99.4	100.0	100.0	100.0	100.0	190.0	100.0	100.0	100.0	100.3	100-0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	96.4	99.	100.0	100.0	100.0	100.D	100.0	100-0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	100.0
≥ 106 ≥ 0	96.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	30.0

OTAL MUMBER OF ORSERVATIONS ________90

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GL'BAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

2122-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VISI	BILITY STA	TUTE MILI	ES						
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2 ?	≥ 2	≥1%	≥1 'a	≥1	≥ .	≥ `•	≥ 7	≥ 5 16	≥ •	≥0
NO CEILING ≥ 20000	36.3	36.8	36.8	36.8	36.8	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 18000 ≥ 16000	48.7	49.4 50.6	49.4 50.6	49.4 50.6	49.4 50.6	49.4 50.6	49.4 50.6	49.4 50.6	49.4 50.6	49.4 50.6	49.4	49.4 50.6	49.4 50.6	49.4 50.6	49.4	49.4
≥ 14000 ≥ 12000	50.0 53.3	50.8	50.8 54.6	50.8 54.6	50 · 8	50.8 54.6	50.8 54.6	50 · 8	50.8 54.6	50.8 54.6	50.8 54.6	50.8 54.6	50.8 54.6	50.8 54.6	50.5 54.6	50.8 54.6
≥ 10000 ≥ 9000	63.8 67.4	64.6	68.6	68.6	64.6 68.6	64.6	64.6	68.6	64.6 68.6	64.6 68.6	64.6	64.6	64.6	64.6 68.6	64.6 68.6	64.6 68.6
≥ 8000 ≥ 7000	74.9 80.7	76.0 81.8	76.0 81.8	76.0 81.8	76.0 81.8	76.0 81.6	76.0 81.8	76.D 81.8	76.0 81.8	76.0 81.8	76.D 81.8	76.0 81.8	76.0 81.8	76.0 81.8	76.0 81.8	76.0 81.8
≥ 6000 ≥ 5000	82.7 88.4	83.8	83.8 89.7	83.8 89.7	83.8 89.7	83.8 89.7	83.8 89.7	83.8 89.7	83.8	83.8 89.7	83.9 89.7	83.8 89.7	83.8 89.7	83.8 89.7	83.8	83.8
≥ 4500 ≥ 4000	90.6 92.9	92.3 94.7	92.3 94.7	92.3 94.7	92.3 94.7	92.3 94.7	92.3 94.7	92.3 94.7	92.3	92.3 94.7	92.3 94.7	92.3	92.3 94.7	92.3 94.7	92 • 3 94 • 7	92.3
≥ 3500 ≥ 3000	93.7 95.2	95.6 97.6	• • • •	95.8 97.8	95.8 97.8	95.8 97.8	95.8 97.8	95 · 8	95.8 97.8	95.8 97.8	95.8 97.8	95.8 97.8	95.8 97.8	95.8 97.8	95.8 97.8	95.8 97.8
≥ 2500 ≥ 2006	96.0 96.1	98.4	98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9		98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9	98.7 98.9	98.7	98.9
≥ 1800 ≥ 1500	96.1 96.1	98.6	98.9	98.9 98.9	98.9 98.9	98.9	98.9 98.9	98.9 98.9	98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9 98.9	98.9	98.9	98.9 98.9
≥ 1200	96.2 96.2	98.9	99.6	99.2	99.6	99.6	99.2	99.2	99.2		99.2	99.2	99.2	99.2 99.6	99.6	99.6
≥ 900 ≥ 800	96.2 96.2	99.2	99.7	99.7	99.8	99.7	99.7	99.7 99.8	99.7	99.8	99.7 99.8	99.7	99.7 99.8	99.7 99.8	99.7	99.7
≥ 700 ≥ 600	96.3	99.4	99.8	99.9		100.0	100.0	100.0 100.0	100.0	100.0	100.0	00.0	100.0		100.0	100.0
≥ 500 ≥ 400	96.3	99.4	99.8		100.0	100.0	100.0		100.0	100.0	100.0	00.0	100.0	00.0		100.0
≥ 300	96.3	99.4	99.8				100.0		100.0	100.0	100.0			00.0		00.0
≥ '00 ≥ 0	96.3	99.4			100.0			100.0			100.0	100.0			- 1	

OTAL NUMBER OF OBSERVATIONS ______9DI

USAF ETAC 101 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORSOLETI

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							visi	BILITY ST	ATUTE MILL	ŧs.						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2;	≥ ?	≥17;	≥1'.	≥1	≥ :•	≥ '•	≥ 5	≥5 16	≥.	≥0
NO CEIUNG ≥ 20000	33.5 40.8	33.9	34.1	34.2 41.6	34.3	34.3	34.3	34.3 41.7	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 18000 ≥ 18000	45.0 45.9	45.8	45.9 46.8	46.0	46.1	46.1 47.1	46.1	46.1 47.1	46 · 1	46.1	46.1 47.1	46.1 97.1	46.1	46.1	46.1 47.1	46.1
≥ 14000 ≥ 12000	46.6	47.4 50.1	47.5 50.3	47.6 50.4	47.8 50.5	47.8 50.5	47.8 50.5	47.8 50.5	47.8 50.5	47.8 50.5	47.8 50.5	47.8 50.5	47.8 50.5	47.8 50.5	47.8 53.5	47.8 50.5
≥ 10000 ≥ 9000	56.5 60.7	57.5		57.8 62.3	57.9 62.4	57.9 62.4	57.9	57.9	57.9	57.9	57.9 62.9	57.9 62.4	57.9	57.9 62.4	57.9 62.4	57.9
≥ 8000 ≥ 7000	68.9 73.5	70.3	70.5	70.6 75.3	70.8 75.9	70.6 75.4	70.8	70.8 75.4	70.8	70.8 75.4	70.8	70.8	70.8	70.8	70.8 75.9	70.8
≥ 6000 ≥ 5000	76.2 81.6	77.6	77.8	78.0 83.6	78.1 83.7	78.1 83.7	78.2 83.8	78.2 83.6	78.2	78.2 83.8	78.2	78.2 83.8	78.2 83.8	78 • 2 8 3 • 8	78.2 83.8	78.2
≥ 4500 ± 4000	93.7	85.5	85.8	86.0	86.2	86.2	86.3	86.3	86 . 3	86.3	86.3	86.3 89.7	86.3	86.3 89.7	86.3 89.7	86.3
≥ 3500 ≥ 1000	88.3	90.5	90.9	91.2 93.8	91.4	91.4 94.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500 ≥ 2000	91.1 91.8	94.0		94.8	95.0	95.0 96.0	95.1 96.0	95.1 96.0	95.1 96.0	95.1 96.0	95.1 96.0	95.1 96.0	95.1 96.0	95.1	95.1 96.0	95.1 96.0
≥ 1800 ≥ 1500	91.9	95.1	95.6	95.9 96.6	96.1	96.1 96.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200 ≥ 1000	92.7	96.3	97.0	97.2 98.0	97.5 98.2	97.5	97.6	97.6 98.3	97.6 98.3	97.6	97.6	97.6	97.6	97.6	97.6 98.3	97.6
≥ 900 ≥ 800	93.1	97.3			98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6 98.9	98.6
≥ 700 ≥ 600	93.2	97.5			99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
± 500 ≥ 400	93.3	97.8	98.8	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	93.3	97.8		99.2	99.7	99.7	99.8	99.8 99.8	99.8	99.8		99.8	99.9	99.9	99.9	99.9
> 100 2 0	93.3	97.8	98.9		99.7	99.7	99.8	99.8	99.8	99.8		99.9	99.9	00.0	100.0	100.0

7201

USAF ETAC 101 AV D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

GL:BAL CLIMATOLOGY BRANCH USAFETAC A1% "EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-62

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY ST.	ATUTE MILI	E 5						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	≥	≥ '•	≥ 7	≥5 16	2.	≥0
NO CEILING ≥ 20000	40.8	41.2	41.2	41.2	41.3 46.8	41.3	41.3 46.8	41.3 46.8	41.3 46.8	41.3 46.8	41.3	41.3	41.3	41.3	41.3	41.
≥ 18000	49.0	49.7	49.7	49.7	49.B	49.6		_	49.8		49.8	49.8 50.4	,	49.8	49.8 50.8	49.
≥ '4000	49.7 50.0	50.3	50.3	50.6	50.4	50.4 50.8	50.8	50.4 50.8	5D.8	50.4	50.8	50.8	50.8	50.8	50.8	50.
≥ 12000	53.7	54.3	54.3	54.3	54.4	54 - 4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.
≥ 10000	59.7	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.
≥ 9000	£2.3	62.9	62.9	62.9	63.D	63.U	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.
≥ 8000	72.0	73.3	73.4	73.4	73.5	73.5								73.5	73.5	73.
≥ 7000 ——————	76.9	78.8	78.9	78 - 9		79.0				79.0		79.0				
≥ 6000 ≥ 5000	79.4	81.3	81.4	81.4		81.5			1 7 1			81.5	81.5			91.
≥ 4500	83.3	87.4	87.7	85.9	86.0	86.0	86.0		86.D		86.3	87.8	87.8	87.8	86.0	004
4000	87.4	90.5									91.1	91.1	91.1	91.1	91.1	
2 3500	88.8	92.2				92.9		92.9				92.9				
2 3000	90.5		_			94.8		94.8	94.8		94.8	1	ł - ·			
≥ 2500	9D.8	94.6				95.5	95.5		95.5	95.5	95.5	95.5	95.5	95.5	95.5	
≥ 2000	90.9	95.2	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96
800	90.9	95.5	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96
≥ 1500	91.7	95.7	96.6							97.0			97.0			
≥ 1000	91.3	95.9		97.0		97.3					97.3				97.3	
	91.2	96.6			98.2	98.2		98.2	98.2	98.2	98.2					
≥ 900 ≥ 800	91.2 91.3	96.6			1	98.2 98.3		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.
≥ 700	91.3	97.2		98.5		98.9	98.9	98.9	98.9		98.9	98.9	98.9	98.9	98.9	99.
2 600	91.3	97.2				98.9	1	98.9	98.9	99.0						
· 500	91.4	97.3	98.4			99.0		99.2	99.2	99.5	99.5	99.5	9 .5	99.5		
≥ 400	91.4	97.3	98.4	98.6		99.0		99.5	99.5	99.7	99.7	99.7	94.7	99.7	99.7	99.
2 300	91.4	97.3	98.4	98.6	99.D	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100
2 700	91.4	97.3	98.4	98.6	99.0	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.
ж	91.4	97.3	98.4			99.0		99.6	99.6		99.8	99.8	99.8	99.8		
3 0	91.4	97.3	98.4	98.6	99.0	99.0	99.1	77.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.

OTAL NUMBER OF ORSERVATIONS 93

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSICET

GLC3AL CLIMATOLOGY BRANCH USAFETAC AIN WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

<u> ០3222-១,5១០</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥5	≥ 4	≥3	≥2 7	≥ 2	≥17-	21 4	≥1	≥ -•	≥ '•	≥ ;	≥ 5 16	≥ .	≥c
NO CEILING ≥ 20000	35.7 41.2	35.7	35.9	35.8 41.3	35.8 41.3	35.8 91.3	35.8 41.3	35.8 41.3	35.8 41.3	35.8 41.3	35.8 41.3	35.8	35.9	36.0 41.5	36.0 41.5	36.0 41.6
≥ 18000 ≥ 16000	43.9	43.9	44.1	44.1	44.4 45.4	44.4	44.4	44.4	44.4 45.4	44.4	44.4 45.4	44.4	44.6 45.6	44.7	44.8 45.8	44.8
≥ !4000 ≥ 12000	45.8 49.1	45.8 49.1	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.6	46.7 50.0		l.
≥ 10000 ≥ 9000	55.7 57.7	55.7 58.0	55.9 58.2	55.9 58.2	56.2 58.5	56.2 58.5	56.2 58.5	56 • 2 58 • 5	56.2 58.5	56.2 58.6	56 • 2 58 • 6	56.2 58.6	56.5 58.8	56.6 58.9		
≥ 8000 ≥ 7000	68.7 73.8	69.4 74.6	69.9 75.2	69.9 75.3	70.2 75.6	70 • 2 75 • 6	70.2 75.6	70 • 2 75 • 6	70.2 75.6	70.3	70.3 75.7	73.3	70.5 75.9	70.6		70.9 76.2
≥ 6000 ≥ 5000	76.1 80.1	77.1 81.1	77.6 81.6	77.7 81.7	78.2 82.3	78 • 2 82 • 3	78.2 82.3	78 • 2 82 • 3	78.2 82.3	78.3 82.4	78.3 82.4	78.3 82.4	78.5 82.6	78.6 82.7	78.7 82.8	78 · 8
≥ 4500 ≥ 4000	61.1 83.2	82.4	82.9 85.4	83.0 85.7	83.5 86.2	83.5	83.5 86.2	83.5	83.5 86.2	83.7 86.3	83.7 86.3	83.7	83.9 86.6	84.0	64 - 1 86 - 5	84.2
≥ 3500 ≥ 3000	84.9 85.5	87.0 88.4	87.8	88.3 89.7	88.9	88.9 90.4	88.9 90.4	88.9 90.4	88.9 90.4	89.0 90.5	89.0 90.5	89.0 90.5		89.4	89.5 91.0	89.6
≥ 2500 ≥ 2000	86.3 87.1	89.6 90.6	90.4	90.9	91.6 93.3	91.6 93.3	91.6 93.3	91.6 93.3	91.6 93.3	91.7	91.7 93.4	91.7	91.9 93.7	92.0	92.2 93.9	
∠ 1800 ≥ 1500	87.2 87.1	90.9 91.7	91.9	92.6 93.4	93.5 94.4	93.5	93.5	93.5	93.5	93.7 94.5	93.7 94.5	93.7	93.9	94.3	94.1	94.2 95.1
≥ 1200 ≥ 1000	87.8 88.3	91.8	92.9	93.5 93.8	94.5 94.7	94.5	94.6		94.6		94.7 95.1	94.7 95.1	94.9	95.1 95.4	95.2 95.5	95.3 95.6
≥ 900 ≥ 800	68.0 88.1	92.2	93.2	94.0	94.9	94.9	1	95 • 2 95 • 4	95.2 95.4	95.3 95.5	95.3 95.6	95.3 95.6	95.5 95.8	95.6		95•8 96•1
≥ 700 ≥ 600	58.1 38.3	92.6 93.2	93.9	94 • 6 95 • 3	95.8 96.5	95.8			96.0 96.7	96.1 96.9	96.2 97.0	96.2 97.0		1		96.8 97.5
≥ 500 ≥ 400	38.3 88.3	93.3 93.5		95.5 95.7	96.9 97.2	96.9 97.2					97.7 98.1	97.7	98.0 98.3	98.1 98.6		98.3 98.8
≥ 300 ≥ 200	88.3	93.5 93.5	95.1	95.8 95.8	97.3	97.4 97.4	97.7		98.0	28.5	98.6 98.6	98.6 98.7	98.9	99.1 99.4	99.4	99.5 99.8
100 ج 0 خ	8 8.3 8 8.3	93.5 93.5	95.1 95.1	95.8 95.8	97.3	97.4	97.7 97.7	98.D			98.6 98.6	98.7	98.9	99.4		100-0

TAL NUMBER OF ORSERVATIONS 931

USAF ETAC FORM 10144 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

712650 EIELSON AFB AK

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

−೯೮೮ –ប់ម១ប

CEILING							VIS	BILITY STA	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ 2	≥11:	≥1.4	≥1	≥ :•	≥ '₁	≥ :	≥ 5 16	≥ .	≥0
NO CEIUNG ≥ 20000	35.2 39.6	35.4 39.8	35.5 40.0	35 • 5 40 • 0	35.5 40.0	35.5			35.5 90.0	1	35.5 40.0	35.5 40.0	35 • 5 40 • 0			35.5
≥ 18000 ≥ 16000	42.4	42.8	43.0	43.0	43.D	43.0 44.3	43.0 44.3		44.3		43.D	43.0	43.0 44.3	43.0	43.0	
≥ 14000 ≥ 12000	44.8	45.3 47.8	45.5 48.1	45.5 48.1	45.5 48.1	45.5 48.1	45.5 48.1	45.5 48.1	45.5 48.1	45.5 48.1	45.5 48.1	45.5	45.5 48.1	45.5 48.1	45.5 48.1	45.5
≥ 10000 ≥ 9000	55.3 58.2	55.7 58.9	56.3 59.6	56.3 59.6	56.3 59.5	56 • 3 59 • 6		56.3 59.6	56.3 59.6	56.3 59.6	56.3 59.6	56.3 59.6	56.3 59.6	56.3 59.6	56.3 59.5	56 • 3 59 • 6
≥ 8000 ≥ 7000	67.1 71.7	68.1 73.0	68.7 73.7	68.7 73.7	68.8 73.8	68.8 73.8			68.8 73.8	1	68.8 73.8	68.8	68.8 73.8	68.8 73.8	68.8 73.8	68.8 73.8
≥ 6000 ≥ 5000	74 • 4 77 • 8	75.7 79.1	76.3 79.8	76 • 3 79 • 8	76.5 79.9	76.5 79.9			76.5 79.9	- 1	76.5 79.9	76.5 79.9	76.5 79.9	76.5 79.9	76.5 79.9	
≥ 4500 ≥ 4000	78.9 81.3	80.2 83.1	83.9	83.8	81.D 83.9	81.D 83.9			81.0 83.9		81.5 83.9	81.D 83.9	81.0 83.9	91.0 83.9	81.0 83.9	
2 3500 2 3000	82.6 63.9	84.6	85.3 87.9	85.3 87.4	85.5 87.6	85.5 87.6	87.6		85.5 87.6		85.5 87.6	85.5 87.6	85.5 87.6	85.5 87.6		85.5 87.6
≥ 2500 ≥ 2000	85.4	87.6 88.5	89.2	88.5 89.6	89.9	88.7 89.9	88.7		88.7		88.7	89.9	88.7	89.9		
≥ 1800 ≥ 1500	85.9	88.5	89.5 90.6	89.9 91.3	91.6	90.2	91.7				90.2 91.7			91.7		91.7
2 1000	86.9	90.4	91.6	92 • 3 93 • 5		92.7	94.3	94.3	92.8	94.3			92.8	94.3	92.8	94.3
≥ 900 ≥ 800	88.5	92.9 93.1	94.5	95.3	95.9	96.0	96.3		96.1		96.1 96.3	96.1	96.1		96.3	96.3
≥ 700 ≥ 600	88 - 8	94.0	95.6	95.8 96.7	96.7	96.8	98.0	98.0	96.9 98.0	98.D		96.9 98.0	98.0	98.0		98.0
≥ 500 ≥ 400	89.1 89.1	94.2	95.9 96.0	97.0 97.1	98.2 98.4 98.5	98.3 98.7	99.0	98.6 99.0	98.6 99.1	98.6 99.1 99.2	98.6 99.1	98.6	98.6 99.1	98.6		98.6
≥ 300 ≥ 200	89.1	94.4	96.1	97.2	1	98.8	99.1	99.1	99.2	99.4	99.5	99.5	99.7	99.8	99.9	0.00
≥ 100 ≥ 0	89.1	94.4	96.1 96.1	97.2		98.8	99.1		99.2		99.5	99.5	99.7		99.9	00.0

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS EPITIONS OF THIS FORM ARE ORDER

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR DEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	ST YTHE	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ ?	≥1:	≥1.	≥1	2 .	≥.•	≥ 7	≥5 16	ž.	≥0
NO CEILING ≥ 20000	39.1 43.5	38.1	38.1	38.3	38.3	38.3	38.3 43.6	38.3	38.3	38.3	38.3	38.3	38.3 93.8	38.3 43.8	38.3	38.3 43.8
≥ 18000 ≥ 16000	46.6		46.7	46.9	46.9	46.9	46.9 48.2	46.9	46.9	46.9 48.2	46.9 48.2	46.9 48.2	46.9 48.2	46.9	46.9 48.2	46.9
≥ 14000 ≥ 12000	48.7 52.3	48.8	48.8 52.4	49.0		99.0 52.6	49.0 52.6	49.0 52.6	49.0 52.6	49.0 52.6	49.0 52.6	49.0 52.6	49.0 52.6	49.0 52.6	49.3 52.6	49.0 52.6
≥ 10000 ≥ 9000	59.5	59.7 62.0		60 - 1 62 - 5	60.1 62.5	60 - 1 62 - 5	60 • 1 62 • 5	60.1 62.5	60.1	60.1	60 • 1 62 • 5	50.1 52.5	60 - 1 62 - 5	60 • 1 62 • 5	60 • 1 62 • 5	60 • 1 62 • 5
≥ 8000 ≥ 7000	71.3	71.6		72.2	72.2 76.5	72.2 76.5	72.2 76.5	1	72.2	72.2	72.2 76.5	72.2	72.2 76.5	72.2 76.5		
≥ 6000 ≥ 5000	77.3	77.8	78.1 79.6	78.4	78.4	78.4 79.9	78.4	78.4	78.4		78.4	78.4	78.4	78.4		78.4
≥ 4500 ≥ 4000	78.9		79.9	80.2	80.2				80.2	80.2 82.8	80.2 82.8	80.2	80.2	80.2 82.8	80.2	80 • 2 82 • 8
≥ 3500 ≥ 3000	84.9			83.8	83.6		83.8	83.8	83.8	83.8	83.8	83.6 86.8	83.8 86.8	83.8	83.8	
≥ 2500 ≥ 2000	86.2 87.7			89-0	89.0		89.0			89.0		89.0	89.0	89.3	89.0	89.0
≥ 1800 ≥ 1500	E 3 - 1	90.2			91.4	91.6	91.6	91.6			91.6	91.6		91.6	91.6	
≥ 1200 ≥ 1000	90.1		94.6			95.7 97.6	95.7		95.7	95.7			95.7	95.7	95.7	95.7
≥ 900 ≥ 800	91.2	95.5			98.2 98.3	98.4	98.4		98.4		98.4 98.7	98.4	98.4	98.4	98.4	98 • • 98 • 7
≥ 700 ≥ 600	91.3	95.9				98.8		99.0								
≥ 500 ≥ 400	91.3	96.3	98.1		99.6		100.0		100.0	100.0	100.0			100.D	100.0	
≥ 300 ≥ 200	91.3 91.3	96.3 96.3	98.1	99.0	99.6	99.8	100.0		100.0	100-0	100.0		100.0	00.0	100.0	
≥ 10C ≥ 0	91.3	96.3 96.3	98.1	99.0		99.8	***	100.0	100.0	100.0	100.0	100.0		100.0	100.0	

USAF ETAC JULIA 0-14-5 (OL A) MEMOUS E

SLERAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2550 EIELSON AFB AK

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1228-1400

CEILING				_			VIS	BILITY ST	ATUTE MIL	E 5						
FEET	≥10	≥6	≥ 5	≥ 4	≥3	≥2:	≥ 2	≥1:	≥١.	≥1	2.	≥ ′•	≥ :	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	37.8 45.1	38.0	38.2 45.6			38.2	38.2 45.6	38.2	38.2	36.2	38.2	38.2	39.2	38.2	38.2	38.2
≥ 18000 ≥ 16000	48.9	49.2 50.6	1	49.5			49.5 50.9		49.5 50.9		49.5	49.5	49.5	49.5	49.5	49.5
≥ 14000 ≥ 12000	50.5	50.9		51.1	51.1		51.1		51.1		51.1	51.1	51.1	51.1	51.1	51.1
≥ 10000 ≥ 9000	69.6	60.9		61.2		61.2	61.2	61.2	61.2	51.2	61.2	61.2	61.2	61.2		54.8 61.2
≥ 8000 ≥ 7000	71.3	71.8	72.2	72 • Z 75 • B	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	
≥ 6000 ≥ 5000	75.6 76.9	76.1 77.5	76.5	76.5		76.5	76.5	75.8		75.8	75.8	76.5				76.5
≥ 4500 ≥ 4000	77.8	78.5	78.8	77.8	77.8 78.8	78.8	77.8	77.8 78.8	77-8	77.8 78.8	77.8 78.8	77.8 78.8	78.8	77.8 78.8	77.8	
2 3500 2 3000	81.8	85.4	85.7	83.3	85.9		85.9	83.4	85.9	85.9	83.4	85.9	85.9	83.4	85.9	
≥ 2500 ≥ 2000	90.1	90.4	93.2	93.2		93.4	91.D	91.0 93.4	91.0	91.0	91.0	93.4	93.4	93.4	93.4	93.4
800 2 500	91.4	94.5	. 1	95.2	95.4	95.6	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	
≥ 1200 ≥ 1000	91.9	95.9	96.8	96.9	97.0	97.4	97.0	97.0	97.0	97.4	97.4	97.0	97.0	97.0	97.4	97.4
- 900 ≥ 800	92.3	96.9	98.4	98.2	98.7	99.5	99.5	99.5	99.5		99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	92.3	97.6		98.8	99.4	99.7	99.7	99.7	99.7		99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.4	97.7	98.8	99.0	99.6	100.0	100.0				00.0	00.0	00.0		00.0	00.0
≥ 400	92.4	97.7	98.8	99.0	99.6	100.0	100.0		100.0				00.00		00.0	4 4 7 7
≥ 700 - DC	92.4	97.7	98.8	99.0	99.6	100.0		100.0			00.0		00.0	100.0	00.0	100.0
2 0	92.4	97.7	98.8	99.0	99.6	100.0							00.0		00.0	

0741 MUMBER OF ORGENIATIONS 9

USAF ETAC CIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CREDIET

GLABAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

73-82

1520-1700

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES .						
FEET	≥ 10	≥6	≥ 5	≥4	≥ 3	≥2.	≥ 2	≥1:	≥1.	≥1	≥ :a	≥`+	≥ :	≥ 5 16	≥ .	≥c
NO CEILING ≥ 20000	32.7	32.9	32.9	32.9 41.5	32.9 41.5	32.9			32.9			32.9	32.9	32.9	32.9 41.5	32.9
≥ 18000 ≥ 16000	47.0 47.7	47.2 48.0		: 7		47.2					1 2 7 7	47.2				47.2
≥ 14000 ≥ 12000	49.3 51.5	48.5 51.7	48.5 51.7	48.5 51.7	1		- 1		48.5 51.7	48.5 51.7	48.5 51.7	48.5 51.7	48.5 51.7	48.5	48.5 51.7	48.5 51 Z
≥ 10000 ≥ 9000	56.5 60.3	56.9 60.9	56.9 60.9	57.0 61.0			1		57.0	1		57.0 61.0	57.0	57.0 61.0	57.0 61.0	57 7 10. 40.
≥ 8000 ≥ 7000	71 • 1 75 • 2	72.2 76.3	72.2 76.3	72.3 76.5		_1	: .					72.3 76.5		72.3 76.5	,	72.3 76.5
≥ 6000 ≥ 5000	77.4 80.3	78.5 81.7	78.6 81.7	76.7 81.8		76.7 81.8		1 3		78.7 81.8	78.7 81.8	78.7 81.6	78.7 81.8	78.7 81.8	78.7 81.8	78.7 81.8
≥ 4500 ≥ 4000	81.8 8 6. 2	83.2 88.6		83.3 88.8	1				83.3 88.8	83.3 88.8	83.3 88.8	83.3 88.8	83.3 88.8	83.3 88.8	83.3 88.8	83.3 88.8
2 3500 2 3000	58.9 91.9	91.0 95.1	91.2 95.3	91 • 3 95 • 9		91.3	91.3 95.4	91.3 95.4	91.3	91.3 95.4	91.3 95.4			91.3 95.4	_	91.3 95.4
≥ 2500 ≥ 2000	91.9 92.3	95.5 96.0	96.9		97.0	97.0	97.0		97.0		97.0				97.0	96.1 97.0
≥ 1800 ≥ 1500	92.3 92.1	96.0	97.6						97.1 97.7	97.1 97.7	97.7	97.1 97.7	97.1 97.7	97•1 97•7		97.7
≥ 1206 ≥ 1000	93.0 93.0				99.4	99.4	99.5	99.5	99.5	99.5	98.6 99.5	99.5	99.5	98.6	99.5	99.5
≥ 900 ≥ 800	93.1 93.2	98.1 96.2		99.5		99.6	99.7	99.7	99.7	99.7	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700 ≥ 600	93.2 93.2	98.2 98.2	99.2	99.5	99.6	99.6	99.9	99.9	99.7	99.7	99.7	99.7	99.7	99.9	99.7	99.7
± 500 ≥ 400	93.2	98.2	99.2	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0
≥ 300 ≥ 200	93.2	98.2	99.2		99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	00.0
> 100 > 0	93.2 93.2	98.2 98.2	99.2	99.5	99.6	99.6	100.0	100.0	100.0 100.0	100.0 100.0						

TOTAL NUMBER OF OBSERVATIONS ______91

USAF ETAC 101.04 0-14-5 (OL A) PREVIOUS PORTIONS OF THIS FORM AND OBSOLET

GLURAL CLIMATOLOGY BRANCH DEAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

<u>1850-5200</u>

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI\$	BILITY ST	ATUTE MIL	ES						
FEE:	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥1;	≥1.	≥1	≥ 4	₹ .⁴	≥ :	≥ 5 16	2 •	≥ 0
NO CEILING ≥ 20000	34.4	34.4	34.4		34.4	34.4 43.2			34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4 43.2
≥ 18000 ≥ 16000	48.Z	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2		48.8			48.2	
≥ 14000 ≥ 12000	49.8	49.8	49.8		49.8	49 • 6 54 • 1	49.8		49.8		49.8		49.8	49.8		49.8
≥ 10000 ≥ 9000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3		61.3	61.3
≥ 8000 ≥ 7000	74.9	75.3 82.0	75.5	75.5		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5 82.3	75.5	75.5	75.5
≥ 6000 ≥ 5000	93.4	84.6	84.8	84.8	84.8		84.8	84 . 8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.8
≥ 4500 ≥ 4000	88.1	89.5	89.7	89.7		89.7	89.7	89.7	89.7	89.7		89.7	89.7	89.7	89.7	89.7
2 3500 2 3000	91.3	93.9	94.1	$\overline{}$	94.1	94.1	94.1	94.1	94.1	94.1		94.1	94.1	94.1	94.1	94.1
2 2500 2 2000	92.9	96.2	96.8	96.8		96.8		96.8	96.8	96.8		96.8	96.8	96.8	96.5	96.8
2 80C 2 1500	93.3	96.9	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
: 20k- ≥ 1000	93.7	97.7	98.4	98.4	98.6		98.6	98.6	98.6	98.6		98.6		98.6	98.6	98.6
> 90C ≥ 800	93.7	98.0 98.0	98.8	98.8			99.4	99.4	99.4	99.4		99.4	99.4	99.4	99.4	99.4
≥ 700 ≥ 600	93.7	98.0	99.8	98.8	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500 ≥ 400	93.7	98.0	98.8	98.8		99.4	99.6	99.8	100.0	100.0	99.7	100.0	100.0	00.0	100.0	100.0
≥ 300 ≥ 200	93.7 93.7 93.7	98.0 98.0	98.8	98.8		99.4	99.6	99.8	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0
2 100	93.7	98.0	98.8	98.8	99.2	99.4	99.6	99.8	190.0	100.0	100.0	100.0	100.0	100.0	00.0	30.0

GL-BAL CLIMATOLOGY BRANCH SAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

EIELSON AFE AK

2127-2300

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							VIS	BILITY ST	ATUTE MIL	ES						 -)
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥1:	≥1.	≥1	٠. ج	≥`,	≥ :	≥ 5 16	≥ .	, ≥0
NO CEILING ≥ 20000	37.3	37.3	37.3	37.3 44.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 18000 ≥ 18000	48.5	48.1			48-1	46.1	48.1	48.1		48.1	48.1	48.1	48.1	48.1	48.1	
≥ 14000 ≥ 12000	49.8	49.8		49.8	49.8	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8		49.8	
200001 ≤	51.2 64.3	61.2	61.2	61.2	61.2	61.2	61.2		51.2	61.2	61.2		61.2	61.2	61.2	61.2
≥ 8000 ≥ 7000	74 - 9 80 - 2	75.2		75.2 81.0	75.2			75.2	75.2	75.2	75.2		75.2		: : - -	
± 6000 • 5000	c2.5	83.3	83.5	83.8	83.8	83.8	-		83.8	83.8	83.E	83.8	83.8		83.8	
≥ 4500 ≥ 4000	89.2	90.1	90.3	90.5			,	90.5	90.5				90.5	93.5	90.5	93.5
2 3500 2 3000	91.0 91.8				94.5	94.5	94.5	94.5	93.2		93.2		93.2	94.5		93.2
≥ 2500 ≥ 2006	93.4	95.5 96.0	96.5	96.8	96.3 97.1	96.3 97.1	96.3		97.2	96.3	95.3	96.3	96.3	96.3 97.2	96.3 97.2	96.3
2 80C 2 1500	93.5	96.2		97.0		97.5 97.5	97.6	97.6		97.6	97.6	97.6	97.6	97.6	97.6	97.6
± 1200	93.7	96.9		97.3 97.7	97.8	97.8	98.4	98.0 98.4		98.4		98.4	98.0		98.3	
≥ 1000	93.9	97.3	98.0	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2		99.2	
≥ 700	93.9	97.3	98.0	98.4	99.0	99.0	99.5	99.5	99.2	99.2	99.2	99.5	99.2	99.2		99.2
≥ 600	93.9	97.3	98.0	98.4	99.2	99.2	99.5	99.6	99.6	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	93.9	97.3	98.0	98.4	99.2	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.8	99.9	99.9	
2 200	93.9		98.0	98.4	99.2	99.2	99.6	99.B	99.8	99.9		100.0	00.0	00.0	100.0	CO.0
ž 0	93.9	97.3	98.3	98.4 98.4	99.2	99.2	99.6	99.8	99.8						100.0	

USAF ETAC 1084 0-14-5 (QL A) MENIOUS EDITIONS OF THIS FORM

GLUBAL CLIMATOLOGY BRANCH LLAFETAC AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4550 ETELSON AFB AK

73-82

A L. L.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							VIS	BILLITY ST.	ATUTE MIL	ES						
FEE:	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2.	≥ 7	≥1:	≥1.	≥1	≥	≥ .	. ≥ .	≥ 5 16	' ≥ .	≥c
NO €EUNG 20000	36.5 43.3		36.7 43.2				36.7	36 - 7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 18000 ≥ 15000	46.7	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47	47.2
≥ 14000 ≥ 12000	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.1	48.8	48.3	48.9	48.9	48.9	46.9
≥ 1000C	58.7		59.1		59.2	59.2	52.5 59.2	59.2	59.2	59.2	54.	2	59.2	. 9.3	52.6	59.3
2 9000 2 8000	71.4	72.1	72.4	72.4	72.5	72.5	62.4 72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6
2 2000 2 6000	75.2	77.1	77.4	77.5 79.7	77.5	77.5 79.8	77.5 79.8	77.5	77.5	77.6 79.8	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000 ≥ 4500	61.4 62.6	82.5		83.0		83.1	83.1	83.1	83.1		83.1	83.1		83.1	63.1	83.1
2 3500	65.3	87.1		87.6	87.7	87.7		87.7	87.7	87.7	87.7	87.7	87.8	87.8		87.8
≥ 1000 ≥ 2500	58.9	91.5	92.0 93.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
2000	90.2	93.4	94.2	94.4	94.7	94.7	93.5	94.B	94.8	94.8	94.8	94.8	94.8	94.8		94.9
2 1800 ≥ 500	90.6	94.4	95.2	95.6		96.0	96.0	96.0	96.0	95.0 96.0	96.0	96.0	96.0	96.0		96.1
≥ 1200 ≥ 1900	91.5 91.3	94.9	96.7	97.1		97.7	97.8		97.8	97.8	+		96.7 97.8		96.7 97.8	
≥ 900 ≥ 800	91.5 91.5		97.2	97.6	98.0 99.1	1	98.2 98.3		98.2 98.3	98.2 98.4	1		98.2 98.4		98.3 98.4	
± 700 ≥ 600	91.6	96.3 96.5	1	97.8 98.1	,	98.5 98.8	98.7 99.0	98.7 99.0		98.7 99.1			98.8 99.1		98.5 99.1	
.± 500 ≥ 400	91.6	96.5	97.7 97.8	98 • 2 96 • 3		99.D				99.4				99.5	99.5	99.5
± 306 ≥ 200	91.7	96.6	97.8 97.8	98.3	99.D	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
2 100 2 0	91.7	96.6	97.8	98.3	99.0	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.9		100.0

OTAL NUMBER OF OBSERVATIONS.____

USAF ETAC 200 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR LEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- c005-6500

CEILING							v15	BILITY STA	LTUTE MILE	E 5						7
I FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1′;	≥1.	≥1	≥ •	≥ '1	≥ ;	≥5 16	2.	≥0
NO €EUNG ≥ 20000	41.7		42.A	42.9	42.9		43.2	43.2	43.2 48.5		43.2 48.5	43.2 48.5		43.3	امیہ ا	43.3 98.6
≥ 18000 ≥ 5000	43.5	49.9 50.0	50.0 50.1	50 • 1 50 • 2		50.3 50.4	_50.5			50.4	50.4		50.5 3 0.6	50.5 50.6		50-5 50-6
≥ 14000 2 12900	48.9	55.1	55.2	55.3	55.3	55.5	55.6	55.6	55.6	55.6	50.9 55.6	55.6	51.0 55.7	55.7	55.7	
2 10000 2 9000 	59.3 <u>8.03</u> 9.88	62.1	62.9	63.0	63.0	60.1 63.2	63.3	63.3	60.2 63.3	69.9	67.3	63.3			63.4	60 - 3 63 - 6 70 - D
2 700c	71.5	73.8	74.1	74.2	74.3	74.6	74.7 76.6	74.7	74.7	79.7	74.7	74.7	74.8	74.B	79.8	74.B
2 5000 2 4500 4 4000	77.3	BOA	81.1	81.2	81.3	81.6	81.7	81.7	84.8	81.7	81.T		BLB	81.8	81.8	84.9
	63.4				90.2					90.8 93.0	90.8 93.0			88.7 93.9 93.1	90.9	
7500	85.4 85.4		93.	92.4 93.2	93.3	93.7		93.9		93.9			94.0		94.0	
.: 804 1 3.X	85.8 85.9	92.6	93.7		94.1	94.4	94.5	94.6	94.6		94.6		94.7	94.7 95.1		94.7
/00 / 0000	85.9 35.9	92.1 93.1	94.1	94.9		95.5	95.7	95.8	95.8	95.8	95.2 95.8	95.8	95.9	95.9		95.3 95.9
900 801 > 700	85.9 55.9	93.1	94.	95.2	95.5	95.9	96.1	96.1 96.2 96.7	96.2	96.2	96.1 96.2 96.7	96.2	96.3	96.2 96.3 96.8	96.3	96 • 2 96 • 3 96 • 8
- 60C	66.2 86.2	93.7	95.4	95.7	96.0	96.5	96.7	96.8	96.8	96.7 96.8 97.6	96.8		96.9		96.9	26.9
÷ 400	86.9	94.8	96.9	97.2	97.6 98.0	98.1 98.5	98.3 98.7	98.4	98.4 98.8	98.4 98.8	98.5 98.9	98.5	98.6	98.6	98.8	98.B
2 200 - X	86.9 86.9	95.2	97.5	97.8	98.4 98.4	98.9	99.1	-1	99.2	99.2 99.2 99.2	99.5	99.5	99.8	99.8	99.9 103.3	

USAF ETAC - 104 0-14-5 (Ot. A) PREVIOUS SOTTIONS OF THIS FORM ARE OBSOLETE

51.24L CLIMATOLOGY BRANCH USAFETAC AIP MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

AUC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0303-0500

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	217	≥1 .	≥1	≥ '•	≥ '1	≥ :	≥ 5 16	≥•	≥0
> \$0000 > \$0000	32.9 38.3	34.J 39.6	34 • 1 39 • 7	34 • 2 39 • 8		34.6 40.6	35.3 40.8	35.2 41.0	35.4 41.2	35.4 41.2	35.7 41.6	35.7 41.6	36.1 41.9		36.2 42.0	36.4
≥ 18000 ≥ :6000	40.4	41.7	41.8 42.1	42.2	42.7	42.6	42.8 43.2	43.1	43.3	43.3	43.6 43.9	43.7	44.0	44.0	44.1	44.3
≥ '4000 ≥ 12000	41.1	42.4	42.5 46.3	46.1	43.2	43.4	43.6	43.8	44.5	44.0	44.3	44.5	44.8	44.6	44.9	45.1 48.5
≥ 10000 ≥ 9000	50.4 53.5	51.7 55.2	51.8 55.3	52.0 55.5		52.7 56.3	53.0 56.5		53.4 56.9	53.4 56.9	53.7 57.3	5 3 • 8 5 7 • 4	54.1 57.7	54.1 57.7	54.3 57.8	54.5 58.0
≥ 8000 ≥ 7000	59.4 65.6	67.8	67.9	61.8 68.2	62.3 68.8	62.5	69.2	63.D	63.2	63.3 69.8	63.6 73.1	63.7 70.2	73.5	70.5	64.3 73.7	64.5 70.9
≥ 6000 ≥ 5000	68.1 71.6	70.5	70.6 74.5	70.9 74.9	71.5 75.5	71.7	71.9 75.9	72.1 76.1	72.3 76.3	72.4 76.4	72.8 76.7	72.9 76.9	73.2 77.2	73.2 77.2	73.4 77.4	73.6' 77.6;
≥ 4500 2 4000	74.6 76.6	77.7	78.1 81.1	78.7 81.6	79.2	79.4 82.3	79.7 82.6	79.9 82.8	80.1 83.0	80.2 83.1	80.5 83.5	80.6 83.6	87.9 84.3	80.9 84.0	81.2 84.2	81.4
± 3500 ≥ 3000	77.8 78.5	82.1 83.7	82.6 84.3	33.1 84,9	53.7 85.8	84.0 86.0	84.2 86.2	84.4	84.6	84.7	85.1 87.2	85.3 87.3	85.6 87.6	85.6 87.6	85.8 87.8	86.0 88.1
2 2500 2 2600	78.8 79.3	84.5	85.1 86.1	85.8 86.8	86.7	86.9	87.1 88.1	87.3 88.3	87.5 88.5	87.6 88.6	89.0	88.2	88.5	88.5	88.7	88.9
2 1500 2 1500	79.4 79.8	85.7	86.3 87.5	87.0 88.2	87.9 89.1	88.2 89.3	88.4	89.8	88.8 90.0	90.1	89.3 90.5	89.5 90.6	89.8 91.0	91.5	93.3	90.2 91.4
≥ 1200	80.4	87.7	89.2	89.0 89.9		90.2 91.1	90.4	90.6 91.5	90.9 91.8	91.0 91.9	91.4 92.4	91.5 92.5	91.8 92.9	91.8	93.1	92.2 93.3
≥ 900 ≥ 800	8D.5	88.7	89.5 89.7	90.4		91.4	91.6	91.8 92.0	92.1 92.4	92.2 92.5	92.7	92.8 93.0		93.2 93.4	93.6	
≥ 700 ≥ 600	60.9 81.2	89.2				91.9 92.5		92.4	92.7 93.2	92.8	93.2 93.8	93.3 93.9	93.8	93.8		94.3 94.8
≥ 500 ≥ 400	81.4	90.3	91.2	91.9	93.5	93.2		93.6	94.D	94.1	94.6		95.2 95.8	95.9	95.5	
2 300	81.5	90.5	92.1	92.8	94.8	94.5 95.0		95.6	95.4	96.2	96.3	96.4	96.9	98.1	99.4	
000 خ س خيا	81.5	90.5	92.1 92.1	93.2 93.2	94.8		95.4 95.4	95.6 95.6	95.9 95.9	96.2 96.2	97.1	97.2		98.3		100.0

OTAL NUMBER OF OBSERVATIONS.....

929

USAF ETAC 1004 0-14-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE ORBIGE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 5550 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> ១៩៦៦-៦៩១០</u>

CEILING							VIS	ABILITY SE	ATUTE MIL	£5						
i FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 :	≥ 2	≥1 ·	≥١.	≥1	2.	5.*	≥ .	≥5 16	≥.	≥0
NO CE'LING ≥ 20000	28.5 36.6	29.3	29.3 37.2	29.0 37.2	29.0 37.2	29.4	29.5 37.6	29.5 37.6	29.5	29.5 37.6	29.5 37.6	!		29.5 37.6		29.6 37.7
≥ 18000 ≥ 16000	38.9 90.3	39.6	39.6	39.6	39.6	39.9	40.0	45.0	40.0	40.0	40.0	40.0	40.0	40.0	47.3	40.1
≥ 14000 ≥ 12000	43.9	41.4	41.4	41.4	41.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.E	41.9	41.9
≥ 10000 ≥ 9000	50.3	51.1 54.2	51.2 54.3	51.3	51.4 54.5	51.7 54.6	51.8	51.8	51.8	1	51.8 54.9	51.9 55.1	51.9 55.1	51.9 55.1	51.9 55.1	52.0 55.2
≥ 8000 ≥ 7000	60.2 65.6	61.5 67.2	61.7	61.8	62.0	62.4 <u>68.3</u>	62.5	62.5 68.7	62.5 68.7	62.5 68.7	62.5	62.6 68.8	68.9	62.7 68.9	68.9	62.8 69.0
≥ 6000 ≥ 5000	67.6	69.5 72.2	72.5	75 - 1	73.0	70.6	70.8	71 • 1 73 • 8	71.1	71.1 73.8	71.1 73.8	71.2 73.9	71.3	71.3 74.0	74.2	71.4 74.1
≥ 4500 2 4000 ≥ 3500	72.4	74.4 75.9	74.7	75.1 76.6	75.3	75.6 	75.7 77.2	76 - 1 77 - 6	76.1	76.1 77.5	76.1	76.2	77.8	76.3	77.B	76.5 78.C
2 3000	74.7 76.1 76.6	76.9 78.9	77.2 79.2	77.5 79.6 80.9	77.7 79.9 81.3	78.1	78.2 80.3	5D.8	78.6 80.8	78.6 80.8 92.2	78.6 80.8	78.7 80.9	78.8 <u>Al-D</u>	78.8 81.D	81.7	76.9
≥ 2000	77.1	81.5	82.2	82.9	83.0 83.4	81.6 <u>83.3</u> 83.8	83.4	82.2 83.9	82.2 83.9 84.3	83.9 84.3	82.2 83.9 89.3	82.3	82.4 <u>84.1</u> 84.5	82.4 84.1	84.5	82.5 84.6
≥ 1500	78.1 78.1	82+6 83-4	83.5 84.6	84.2 85.5	85.1	85.4 86.7	85.5 86.8	85.9 87.2	85.9	85.9 87.2	85.9 87.2	86.0 87.3	86.1 87.4	86.1	85.1 87.4	86.2
≥ 1000 ≥ 900	79.6 79.8	84.7	85.9	86.9	87.8	88.2	88.3	88.7 81.4	88.7	88.7	88.7	88.8	88.9	88.9	88.9 89.6	89.7
≥ 800	79.9	86.2	86.6	86.5	89.6	89.9	89.2 90.1	89.7 90.5	90.5	89.7	89.7 90.5	90.6	89.9	89.9	89.9	90.0
≥ 600	80.8	87.7	89.2	90.8	95.8	91.3	91.6	92.0	93.9	92.0	92.0	92.2	92.5	92.5	92.6	92.7 95.1
2 400 2 300	81.6	88.3	89.8	91.4	93.7	94.4	94.6		95.3 95.9	95.8 96.6	95.9 97.0	96.0	96.3 97.8	96.6 98.2	96.7 98.5	97.1
200	61.6	88.3	89.9				95.1		96.1 96.1	96.9	97.3	97.5	98.2	98.6 98.7	98.9	99.7 100.0
	81.6	88.3	89.9	91.6	94.0	94.5	95.1	95.8	96.1	96.9	97.3	97.5	98.2	98.7	99.0	00.0

USAF ETAC COLON 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OSSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>~603-1100</u>

CERUNG							V15	1816174 ST	ATUTE MILI	ES						
! FEET !	≥10	≥6	≥ 5	≥4	≥ 3	≥2.	≥ 7	≥:	≥1.	≥1	2.4	21	2	≥5 '6	2 •	ē c
NO CEILING ≥ 20000	32.7			33.0	33.1 41.7		•	33.1	33.3		33.3	33.3		33.3	33.3	33.3
≥ 18000 ≥ 3000	44.2	1	44.5		44.6	44.6	44.6	44.6 45.5	44.6	44.8	44.8	44.8	44.8 45.7	44.8	44.5	44.8
≥ 14000 ≥ 12000	46.0 49.9		46.3 50.2		,	46.5 50.3	46.5 50.3	46.5 50.3	46.7 50.5	46.7 50.5	46.7 50.5	46.7 50.5	46.7 50.5	46.7 50.5	46.7 50.5	46.7 5C.5
≥ 1,000	57.3 61.1				57.8 61.6			57.8 61.6	61.8	61.8	61.8	61.8				58.1
≥ 8000 ≥ 7000	65.8 69.7	70.5		70.6	70.8	70.6		70 . 8	71.0	71.0	71.0		71.0	71.0		71.0
≥ 6000 ≥ 5000	71.4	74.6	74.8	74.8	74.9		72.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	73.7	75.2
≥ 4500 ≥ 4000	74.9	77.8	76.6 78.1	78.3	78.4		76.8 78.9	78.4	78.6	78.6		78.6	78.6	78.6		78.6
2 3500 2 3900	81.2	83.9	84.2	84 - 4	84.5	80.1	80.1			84.7	84.7	80.3	84.7	84.7	80.3	34.7
2500	82.9	86.3	85.3	87.1	87.3	87.3	85.8		86.0	87.6	87.6	87.6	87.6	87.6	86.D 87.6	
2 1800 2 1500	63.3 84.4	87.0 89.2	87.3 89.8 91.1	90.2	90.6	90.6	90.8	90.8	88.3 91.0 92.5	91.0	91.0	91.0		91.0	91.0	91.0
≥ 1000 ≥ 1000 > 900	85.8	91.6	92.6	93.1	93.9	93.9	94.0	94.0	1	94.2	94.2	94.2	1	94.2	94.2	94.2
≥ 800 ≥ 700		93.2		95.3	96.1	96.1	96.2	96.3	96.6	96.5	96.6		96.6	96.6		96.5
2 500	36.7	93.8	95.7	96.5	97.6	97.7	97.8		98.3	98.4	98.4		98.9	98.4	98.4	96.4
≥ 400	86.7	94.1	96.5	97.2	98.6	98.7	99.0	99.2	99.5	99.6	99.6		99.6	99,7	99.7	99.7
2 200	86.7	,	96.5	97.2	98.8	98.9	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99,9
2 0	86.7	94.1		1	98.8	_	_	99,5				99.9				00.0

UL 3BAL CLIMATOLOGY BRANCH USAFETAC AIM BEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

1222-1430

								(F	ROM	۲	IOURL	Y OBS	ERVA	IONS)	
CEILING	-										VI	SIBILITY ST	ATUTE MIL	ES		
188.		≥ 10	 ≥6	Ţ	≥ 5	Ī	≥ 4	≥ 3	≥2		≥ 2	≥1:	≥'.	۱ ج	≥	

CEILING							VISI	BILITY STA	LTUTE MILE	£ 5						
, 55 .	≥10	≥6	≥ 5	≥4	≥ 3	≥2.	≥ 2	21:	≥'.	ا ح	≥ -	5,1	2 -	≥ 5 16	≥ •	≥ C
2 20000 2 20000	34.5	34.9	35.Z	35 • 2 45 • 5	35.2	35.2 45.5	35.2	35.2	35.2	35.2	35.2				35.2	
≥ 18000 2 AF00	48.7	49.1 50.1	49.4 50.3	49.4	49.5	49.5		49.5 50.4	99.5 50.4	49.5	49.5	49.5 50.4	49.5	49.5	49.5	49.5
2 4000 2 2000	50.9 54.9	51.3	51.5 55.6	51.5 55.6		51.6 55.7		51 · 6	51.6 55.7	51.6 55.7	51.6 55.7		51.6 55.7	51.6 55.7	51.6 55.7	51.6 55.7
> 5000 > 10000	61.2	61.7	61.9	61.9	62.0 65.9	62.0		62 - D	62.0	62.0 65.9	62.D		62.0 65.9		62.0 65.9	62.0
≥ 9000 ± 7000	69.5	70.5	70.8 79.8	70 • 8 74 • 8	70.9 74.9	70.9 74.9	70.9 74.9	70.9		70.9 74.9			70.9 74.9	70.9	70.9 74.9	
• 6000 • 5000	75.6 7 7.2	76.7 78.3	77.1 78.7	77 • 1 78 • 7	77.2 78.8	77.2 78.8	77.2 78.8	77.2 78.8		77.2 78.8	77.2 78.8	77.2 78.8	77.2 78.8	77.2 78.8	77.2 78.8	77.2 78.8
* 450C * 400C	78.6 31.3	79.7	80.1 83.2	80 • 1 83 • 3	80.2	80.2	80.2	8D.2			80.2 83.5		83.2 83.5	- 1	8D - 2	
3500 3000	83.4	84.9	85.4	85 • S 89 • 7	85.6 89.8	85.6	85.6 89.8	85.6	- :	85.7 89.9	85.7 89.9		85.7 89.9			85.7
≥ 250k + 200k	88.0	90.9	91.4	91.6	91.7	91.7		91.7	1	91.8 94.3	91.8 94.3	91.8	91.8			91.8
904 504,	89.9 90.2		94.3	94.5 96.2	94.6	96.3		94.6	94.7		94.7 96.5	94.7 96.5		94.7	94.7	94.7 96.5
. 20t . 006	90.6 90.6	95.4	96.H	97.1	97.7	97.Z	97.2 97.7	97.2 97.7	97.3	97.3 97.8	97.3 97.8	97.3 97.8	97.3 97.8	97.3 97.8	97.3 97.8	97.3 97.8
90X. 2 800	90.8	95.8	97.4	97 • 8 98 • 0	98.1 98.2	98.1 98.2	98.1 98.3	98.1 98.3	98.2	98.2	98.2	98.2	95.2 98.9	98.2	98 • 2 98 • 4	98 • 2 98 • 4
2 706 2 600	90.9	96.2	97.8	99.0	98.5	98.5	98.7 99.7	98.8 99.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9 99.9
: 500 : 400	90.9	96.7	98.5	99.0	99.5	99.5	99.7	99.8			99.9	99.9	100.0	00.0	99.9 100.0	100.0
. 10k. .: 200	90.9	96.7	98.5	99.0		99.5		99.9	100.0	100.0	100.0	100.0	102.0	00.0		100.0
	90.9 90.9	96.7	98.5		99.5		99.7			100.0	,				,	

GLEDAL CLIMATOROGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1522-1720

CEILING							vi\$	BILITY ST.	ATUTE MILE	 S						
! FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1';	≥1.	≥,	≥ 🦤	≥ '•	≥ ;	≥5 16	≥ .	≥c
NO CEILING ≥ 20000	35.4 46.6	35.8				36.0 47.2				36.0	36.0 47.2				36.0	
≥ 18000 ≥ 18000	50.2 50.9	50.6			,	50.9 51.5	,			- 1	50.9 51.5		50.9	50.9 51.5	50.9 51.5	
≥ 14000 ≥ 12000	51.7 56.1	52.4 56.8		52.5 56.9		52.6 57.1	52.6 57.1			52.6 57.1	52.6 57.1	. ,	52.6 57.1		52.6 57.1	
≥ 10000 ≥ 9000	61.4 65.3	62.0	65.9		66.2	62.4 66.2	62.4 66.2	66.2		62.4	62.4 66.2	62.4	62.4	62.4 66.2	62.4	
≥ 8000 ≥ 7000	72.7 78.0	73.7 79.0	79.5		79.4	79.4	79.4	79.4	79.4		79.4		79.4	79.4		79.4
≥ 6000 ≥ 5000	82.5	81.4	83.7	81.5	84.0	81.7 84.0	84.0	84.0	84.0	84.0	84.0	81.7	84.3			84.0
≥ 4500 ≥ 4000	83.4 85.6 88.3	87.1	87.1		87.4	87.4	87.4	87.4	84.9			84.9		84.9	84.9	
2 3500 2 3000 2 2500	89.6	91.7		91.8	92.0	90.2 92.0 95.1	92.0		90.2 92.0 95.1	90.2 92.0	- 1		92.0		90.2 92.0 95.1	92.0
2000 800	92.4	96.1	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5 96.8	96.5	96.5	96.5	96.5		
2 500 2 1200	92.5	97.5	97.7		98.2		98.2	98.2	98.2		98.2	98.2	98.2	i	98.2	
2 1000	92.6	97.5	98.5 98.9		99.1	99.1	99.1		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
2 BUC	92.6 92.6		99.0		99.7				99.7		99.7	99.7	99.7	99.7		99.7
± 500 ± 500	92.6	97.8		99.5	- 1	99.9			99.9	99.9				99.9		99.9
≥ • 400 ≥ 300	92.6	97.8	99.2		99.9	99.9	100.0	100.0	100.0	100.0	100.0	00.0	00.0	100.0	00.0	CD.D
x	92.6	97.8	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.3	0.00	00.0	100.0	00.0	30.D
	92.4	97.8	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	00.0	00.0

USAF ETAC 1104 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE O

GLOFAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1830-5000

CEILING							VIS	BILITY SF	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ;	≥ 2	≱1;	≥1.	≥1	≥ .	≥ '•	≥ :	≥5 16	≥.	≥c
NO CEILING ≥ 20000	36.5	36.5	36.6	36.8	37.0	57.1 47.5	37.1 47.5		37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 18000 ≥ 16000	51.6 52.4	52.0	52.2 52.9	- 1	52.6 53.3	52.7 53.4	52.7 53.4	52.7 53.4	52.7 53.4	52.7 53.4	52.7 53.4	52.7 53.4	52.7 53.4	52.7 53.4	52.7	52.
≥ 14000 ≥ 12000	53.7 58.6	54 - 1 59 - 0	54.2 59.1	54.4 59.4	54.6 59.6	54.7 59.7	54.7 59.7	54.7 59.7	54.7 59.7	54.7 59.7	54.7 59.7	54.7 59.7	54.7 59.7	54.7 59.7	54.7 59.7	54. 59.
≥ 10000 ≥ 9000	67.1	63.5	63.7	63.9 68.1	69 - 1 68 - 3	64.2 68.4	64.2	64 - 2 68 - 4	64.2 68.4	64.2	64.2 68.4	64.2 68.4	64.2	64.2	64.2	64.
≥ 8000 ≥ 7000	75 • 6 80 • 5	76.3 81.8	76.5 82.2	76.7 82.4	76.9 82.6	77.D	77.0 82.7	77.0 82.7	77.0 82.7	77.0	77.0 82.7	77.0 82.7	77.0 82.7	77.0 82.7	77.0 82.7	77. 82.
≥ 6000 ≥ 5000	82.7 86.2	84.1	84.4 88.3	84.6	84.8 88.4	84.9	84.9	84.9 88.5	84.9 88.5	84.9	84.9	84.9 88.5	84.9 88.5	84.9 88.5	84.9	84. 68.
≥ 4500 ≥ 4000	87.4 90.3	88.8	89.2	89.5	89.7		89.8	89.8	89.8 93.0	89.8	89.8	89.8	89.8	89.8	89.8 93.0	
≥ 3500 ≥ 1900	91.5 92.4	93.7	94.1	94.3	94.5	94.6 96.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.
≥ 2500 ≥ 2000	92.8	95.7	96.2	96.6				96.9	96.9 97.8	96.9	96.9	96.9	96.9	96.9	96.9 97.8	96.
≥ 1800 ≥ 1500	92.9 93.3	96.3	97.6	98.0 98.7	98.2	98.3		98.3 99.0	98.3	98.3 99.0	98.3	98.3	98.3		98.3	98.
≥ 1200 ≥ 1000	93.0	97.1	98.7	99.0		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.
> 900 ≥ 800	93.0 93.0	97.4	99.2	99.6	99.8	1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.
≥ 700 ≥ 600	93.0	97.5		99.7	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
± 500 ≥ 400	93.0 93.0	97.5		99.7		100.0			100.0		100.0	100.0	100.0		100.0	
2 300 2 200	93.0 93.0	97.5		99.7	99.9	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
> '00'	93.0	97.5		99.7		100.0		100.0	100.0		I		100.0	100.0		C `

GLASAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2232-2222

CEILING							V15	IBILITY ST	ATUTE MIL	ES						,
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	; ا≤	≥1.	۱≤	2.4	≥ .	≥ :	≥ 5 +6	≥.	≥.
NO CEILING ≥ 20000	41.3	42.2				42.4	42.5 48.9		42.5 48.9	42.5 48.9	42.5 48.9		42.6		42.6	42.6
≥ 18000 ≥ 16000	50.5 50.6					52.3 52.4	52.4 52.5		52.4 52.5	52.4 52.5	52.4 52.5	52.4 52.5		52.5 52.6	52.5 52.6	52.5 52.6
≥ 14000 ≥ 12000	51.2 54.9	52.7 56.3	52.7 56.3	52.7 56.3	56.3	52.9 56.6	53.0 56.7		53.0 56.7	53.D 56.7	53.0 56.7		53.1 56.8	53.1 56.8	53.1 56.9	53.1 56.8
≥ 10000	59.1 61.4	63.4	63.4	63.4	63.4	60.9 63.7		63.8	61.0 63.8	61.0 63.8	63.8	63.8	63.9	61.1	63.9	61.1 63.9
≥ 8000 ≥ 7000 ≥ 6000	68.7 75.5 77.8	71.2 78.3	78.3	78.3	78 - 3	71.4		78.6			71.5	71.5	71.6		78.7	71.6
≥ 5000	82.6	85.6 87.5	86.0	81.1 86.0 88.1	81.1 86.0 88.1	81.3 86.2 88.3	81.4 86.3 88.4	81.4 86.3 88.4	81.4 86.3 88.4	81.4 86.3 88.4	81.4 86.3 89.4	81.4 86.3 88.4	81.5 86.5 88.5	86.5	81.5 36.5 88.5	81.5 86.5
± 4000 ≥ 3500	86.6	90.4	91.0		91.0		91.3	91.3	91.3	91.3	91.3	91.3	91.4		91.9	88.5 <u>91.4</u> 93.4
≥ 1000 ≥ 2500	89.5	94.5	95.3	95.3	95.3 96.1				95.6	95.6	1	95.6	95.7		95.7	
2 2000	89.9 89.9					97.U		97.1 97.3	97.1 97.3			97.1 97.3		97.2		
2 1200 2 1200 2 1000	90.2 90.2	95.8	97.4	97.5	97.5	97.7	97.8	97.8	97.8		97.8	97.8 97.8	98.0		98.3	98.0
≥ 900 ≥ 800	90.3 90.3	96.2 96.5 96.5	98.5	98.6	98.7	98.7 98.9 98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1		99.1	99.1
≥ 700 ≥ 600	90.4	96.7	98.7	98.8	99.0	99.2	99.4		99.4	99.4	99.3	99.4	99.1 99.5 99.5	99.5	99.1 99.5 99.5	99.5
± 500 ± 400	90.4	96.8	98.9	98.9	99.2	99.5		99.6			99.6	99.6	99.7		99.7	99.7
2 300 2 200	90.4 90.4	96.9	98.9	99.0	99.5	99.7 99.8	99.8		99.8	99.8	99.8	99.8	99.9		99.9	99.9
.x.	90.4	97.0		99.1 99.1		99.8	99.9	99.9	1	99.9				100.0		100.0

TOTAL NUMBER OF OBSERVATIONS...

USAF ETAC 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOLETE

GLIBAL CLIMATOLOGY BRANCH USAFETAC A19 LEATHER SERVICE/MAC

7 2650 EIELSON AFB AK

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEL NO		-					VISI	BILITY STA	ATUTE MILE	ES.						
****	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	≥ .	≥:.	≥ : ;	≥ 5 16	≥ .	≥c
NO : EUNG 20000	35.4 43.5	36.3	36.1	35.1	36.2	36.4	36.4	36 • 5 44 • 8	36.5		36.6 44.8		36.6		36.6	36.7 45.2
≥ 18000 3 16000	46.6	47.4	47.5	47.6	47.7	47.8	47.9	47.9	48.7	48.0	48.7	48.0	45.1 48.8	48.1	49.1 48.8	48.8
2 1400X 2 2000	48.0	48.9 53.0	48.9 53.0	49.0 53.1	49.1 53.2	49.3	49.3	49.4	49.4	49.4	49.5	49.5	49.5 53.6	49.5	49.5	49.6 53.7
> 100ki0	57.6	58.5	58.6	58.7	58.9	59.0 62.5	59.1 62.6	59-1 62-6	59.1 62.7	59.1 62.7	59.2	59.2 62.7	59.3 62.8	59.3	59.3 62.8	
≥ 8000 > 1006	67.4	68.8	68.9	69.0	69.2	69.3 74.6	69.4	69.4	69.5	69.5	69.5	69.6	I	69.6	69.7	69.7 75.2
- 6000 - 5000	74.5	76.4	76.6	76.8 80.1	76.9 80.2	77.1 80.4	77.2 80.5	77.2 80.5	77.3 80.6	77.3	77.3 80.6	77.4 80.7	77.4	77.4	77.5 83.8	77.5
> 4500 - 4000	79.4	81.6	81.9	62 - 1 84 - 8	82.3 85.0	82.5 85.2		92.6 85.3	82.7	82.7 85.4	82.7 85.5	82.8 85.5		82.8		#2.9 85.6
2 2500 1000	63.2 54.8	86.1	86.5 89.3		86.9 89.5	87.0 89.6	87.1 89.7	(87.3 89.9	87.3 89.9	87.3 89.9	87.4 90.0		87.4 90.1		87.5 90.1
2 7500 2 2000	85.6	89.7 90.8	90.3 91.5	90.6 91.8	90.8 92.1	91.0 92.2		91.2 92.4	91.2 92.5	91.2 92.5	91.3 92.5	91.3 92.6	91.4 92.6	91.4 92.6	91.4 92.7	91.5 92.1
2 1800 2 1500	66.4 86.9	91.1 92.0		92.2 93.4	92.5 93.8	92.6	92.7 94.0	92.8 94.1	92.9	92.9 94.2	93.0 94.2	93.0 94.3	93.1 94.3	93.1	93.1	
: 1200 ≥ 1000	87.1 87.3	92.5 93.1		94.1 94.8	94.5 95.3	94.6 95.4	94.7 95.5	94 • 8 95 • 6	- 1	94.9	95.0 95.8	95.0 95.8	95.1 95.9		95.1 95.9	96.0
≥ 900 ≥ 800	57.4 57.5	93.4	94.9 95.0	95.3 95.5	95.8 96.0	96.0 96.2	96.1 96.3	96.2 96.4	96.3 96.5	96.3 96.5	96.3 96.5	96.4	96.5 96.7	96.5	96.5 96.7	96.5 96.7
≥ 700 ≥ 6 00	87.6 87.7	93.8	95.3 95.7	95 • 8 96 • 2	96.4	96.5 97.1	96.7 97.2	96 • 8 97 • 4	96.9	96.9 97.5	96.9 97.5	97.0 97.5	97.1 97.7	97.1 97.7	97.2 97.7	
≥ 500 ≥ 400	87.9 57.9	94.4	96.1 96.3	96.7 96.9	97.4 97.7	97.6 97.9	97.8 98.1	97.9 98.3	98.4	98.5	98.1 98.6	98.2 98.6	98.7	98.8	98.4 98.9	98.4 99.C
2 300 2 200	57.9 57.9	94.6		97.0	97.9 98.1	98.2 98.3	98.5	98.6 98.7	98.9	98.8	99.0 99.2	99.2	99.9	99.2	99.5	99.5
· 30	57.9 87.9	94.6		97.2 97.2	98.1 98.1	98.3 98.3	98.5 98.5	98.7 98.7	98.9	99.D	99.2	99.2	99.5 99.5	99.6		100.0

TOTAL NUMBER OF DESERVATIONS 7439

USAF ETAC LOLM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL.SAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							¥1\$	BILITY ST	ATUTE MILI	ES						
· FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1;	≥1.	≥1	2.	≥ `•	≥ ;	≥ 5 18	≥.	≥¢
NO CEUNG 20000	38.8 42.7		43.0				:	43.9					44.3			
≥ 18000 ≥ 16000	44.6	49.3		49.4						50.3 51.1			50.3 51.1		50.6 51.3	
≥ 14000 ≥ 12000	45.3	50.4 51.7	300			,		- ,					51.4 52.8	-	51.7 53.0	_
≥ 9000 ≥ 9000								!				- 1	57.3 58.9			
7 9000 2 7000	64.1	71.2	71.3	71.4	72.1	72.1	72.1	72.2	72.2	72.3	72.3	72.3	66.9 72.4	72.7	72.7	72.7
≥ 6000 • 5000	68.2	76.2	76.3	76.4	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.3	74.4 77.4	77.7	77.7	77.7
1 4500 1 4000	71.9	81.3	81.6	81.7	82.4	92.4	82.4	82.6	82.6	82.7	82.7	82.7	87.2	83.0		83.0
2 1500 2 1500 	74.9	83.8 85.9 88.2	86.1	86.2	87.2	27.2	87.2	87.3	87.3	87.4	87.4	87.4	85.2 87.6 90.4	87.8	87.8	87.8
2000	77.0	89.0	89.6	90.1	91.3	91.3	91.3	91.4	91.4	91.7	91.7	91.7	91.8	92.0	92.0	92.D
2 1500 2 200	77.9	90.6		91.9	93.2	93.2	93.2	- 1	93.3		93.6		93.7	93.9		93.9
1000	78.8	91.7		93.2	94.7	94.7	94.8	94.9	94.9		95.1	95.1	95.2 95.2	95.4	95.4	95.4
2 80°	. 1	;	92.7	93.4	- 1	95.0	95.1	- 1	95.2		95.4	95.4	95.6	95.8	95.8	95.8
	78.8 78.8	91.7	92.9	93.7						95.7 97.1			95.8	96.3		
2 400	78.8 78.8		93.7 93.7							98.3 98.6			98.4			
2 200 	78.8	92.3	93.7	94.4	97.1	97.2	98.0	98.2	98.2	98.6	98.7	98.8	99.J 99.D	99.7	99.9	10.0
· · · · · · · · · · · · · · · · · · ·	78.8	92.0	93.7	94.4	97.1	97.2	98.0	98.2	98.2	98.6	98.7	98.8	99.0	99.7	99.9	100.0

TAL BRIMBER OF ORSERVATIONS 931

USAF ETAC 100 00 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

GLIBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 265C EIELSON AFB AK

73-82

43.50 HUNDH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

46.6	44.B
46.6	44.B
47.1 4	;
47-5 4	47.2
49.8.4	47.7 49.9
55.2	
69.3	69.4
	75.3
80.1	77.8 80.2 82.7
86.1	56.2 88.6
89.2	99.3 89.6
	91.1
	91.9
	92.9 94.0
96.7	94.6 96.8
99.2	98.8
99.91	
	77.7 80.1 82.6 86.1 38.4 89.2 89.4 90.3 91.5 92.8 93.9 94.4 96.7 99.2 99.8

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPE

CLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 255C ETELSON AFB AK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							visi	BILITY STA	TUTE MILE	ES		-	·			-
+ FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	. 2	≥ 1. !	≥1.	21	2.	≥ •	2 .	25 16	2 .	≥c
NO CEILING ≥ 20000	28.3 36.6	29.4 38.3		29.8 38.7	29.8 38.7	29.9 38.8	30.1 39.0	30 - 1 39 - 0	30 • 1· 39 • 0	30 • 2 39 • 1	30 • 2 39 • 1			30 • 6 39 • 4		31.0 39.9
≥ 18000 ≥ 16000	38 • 1 38 • 6	40.0	40.8	41.0		43.7	41.3	40.9	41.3	91.9	41.4	91.4	41.3	41.8	41.7 42.1	42.2
≥ 14000 ≥ 12000	39.8	41.7	45.6	42.2 45.8	42.2	42.3	46.1	42.6	#2.6 46.1	46.2	46.2	46.2	43.0	46.6	46.9	47.0
≥ 9000	48.3	50.6 51.8	52.1	51.1 52.3		51.2			52.9	53.0		53.0	52.0 53.6 59.4		52.3 54.0	54.1.
≥ 8000 ≥ 7000 ≥ 6000	55.0 62.3	57.6 65.2 67.2	65.7	58.2 65.9	58.3 66.0	58.4 66.1	58.7 66.3	66.4	58.8 66.4	66.6	66.6	56.6 68.6	67.2	67.3	67.8 69.8	67.9
≥ 5000 ≥ 4500	67.2	70.4	70.9		71.2	71.3	- ;	-1)	71.8	71.8		72.6	i		73.3
2 4000 2 3500	72.0 74.2	76.1			f		77.2	77.3 80.4	77.3 80.4		77.4	77.6 80.7	78.2	78.3 81.4	79.5 82.1	
≥ 3000	75.6 76.6	80.8	83.0	,	83.7	83.9	84.1	82.8 84.4	B4.4		84.7	84.8	85.4	85.6	86.2	86.4
≥ 2000 ≥ 1800 ≥ 1500	17.3	83.1	83.8	84.3	84.6	84.8	85.D	85.2	85.3		85.6	85.7	86.2	86.4	87.1	87.3
2 1200 ≥ 1000	78.9 78.9 78.4	84.2 84.8	84.9	85.4 85.6 86.3	85.8 85.9 86.7	86.D 86.1 86.9	86.3 87.1	86.6 86.7 87.4	86.6		86.9	87.0		87.8		P8.7
900 2 800	73.4	84.9			87.3	87.6 88.7	87.8	88.1	88.1	88.2	88.3	88.4		89.3	90.0	90.2
≥ 700 ≥ 600	78.8	86.4	87.7	88.7	89.3	89.6	89.9	90.2	90.2	90.3		90.6	91.3		92.1	
: 500 ≥ 400	79.4 79.4	97.9 87.9	89.3		91.8 92.4		93.6	94.3		95.1		95.6	95.0 96.4	96.7		
± 300 ± 20€	79.4	87.9	89.3	90.6			94.6	95.3	95.3		96.7	96.9	98.1	98.4	99.1	99.4
2 0	79.4 79.4	87.9 87.9			93.2 93.2					96.1 96.1			98.2 98.2			i i

OTAL NUMBER OF OBSERVATIONS ______931

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLIPAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 2650 EIELSON AFB AK
STATION NAME
STATION NAME

73-82

- uddni

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CERNO							VI5	IBILITY STA	TUTE MILI	E5	_					
: FEET	≥1C .	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥:	≥ .	≥ .	≥ ;	≥5 '6	٤.	≥¢
NO FEILING ≥ 20000	34 • 9 42 • 4	35.6 43.4		35 • 6 4 3 • 4	35.6 43.4	35.6 43.4		35 • 6 43 • 4	35 • 6 43 • 4				35 • 7 43 • 6	35.7 43.6	35.7. 43.5.	
≥ 18000 ≥ 16000	45.4	46.9			46.9	46.9		46.9			47.0 47.7	47.0	47.3 47.7			47.5
2 14000 2 2000	48.4 52.9	49.6 54.0		54.0		54.0	54.7	54.0	54 - C	54.1	49.7 54.1	49.7 54.1	49.7 54.1	49.7 .54.1,	49.7 59.1.	49.7 54.1
≥ 9000 ≥ 10000	59.3	59.3 60.8	60.8	59.3 60.8	60.8	60.6	59.3 60.8	6 C . 8		62.9	59.4 £0.9	59.4 60.9	59.4 63.9	فعقف	59.4 60.9,	62.9
2 8000 2 7000 2 6000	68.6 69.8	73.3	70.3	70.3	70.3	70.3	70.4	70.4		70.6	70.6	70.6	64.6 <u>72.6</u>	70.6	72.6.	70.6
± 5000 → 4500	72.6 74.6	71.6	71.6 74.4 76.9	74 . 4	74.4	71 • 6 74 • 4	74.6	71 • 7 74 • 6 77 • 0	74.6	74.7	74.7	71.8 74.7	79.7	71.8 74.7 77.2	79.7.	71.8 .14.1, .77.2
± 4000 ± 3500	77.0	79.4 81.2	79.4	79.4	79.4	79.4		79.6	79.5	79.7	79.7	79.7.	79.8	79.8 61.7	79.8.	79. B.
2 2500	83.3	83.1	83.Z	83.3	83.6	83.7		84 • D	84.0 85.2	84.1	84.1 65.3	84.1	84.2	94.2	84.2	94.2
900 2 500	82.0 2.0	85.0 95.2	85.4			85.8 86.0		86.3	86.1	86.2 86.4	86.4	86.4	86.6		86.6	86.6
200 2 000	83.3	86.9	88.3	88.4		97.7 88.9			1			i		89.7	_ 1	89.7
. 900 2 800	84.5	89.7 89.9 91.1	90.2 91.4	90.2 90.4	90.7 90.9 92.1	90.8 91.0 92.2	91.2	91.3 91.3	- ;	91.7		-		91.8	91.5 91.5 93.1	91.8
2 700 2 600	85.1 85.3	91.3	91.7	91.9	92.6	92.7 93.6	93.0 94.1		93.3	93.6	93.5 94.8			93.7		93.7
: 500 2 400	65.6 65.6	92.1 92.8	93.7 93.8	94 • 1 94 • 2		95 .9 96 .4	96.3 96.9	96.4 97.0	96.9 97.4	98.0	97.4 98.2	98.2	98.3	97.6 98.3	98.3	98.3
2 300 2 200	65.7 95.7	92.9	94.1	94.6	96.9			97.8		99.D	99.7	99.8	100.0	99.4	נָם - פפו	20.2
	85.7	92.9						97.8 97.8						100.0		

AL NUMBER OF ORSERVATIONS 9.3

USAF ETAC 100 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLORAL CLIMATOLOGY BRANCH USAFETAC Ale meather service/mac

CEILING VERSUS VISIBILITY

LIE	LSON	AFB A	K Station Naw	-			73-	62		न्र	#5					E F
				PEF			REQU OURL								<u>1500</u>	- } 4
CEILING							V15	(BILITY ST	ATOTE MILI	ES .						
FEE"	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	≥ 2	≥1 -	≩1.	≥1	≥ .	2 1	≥ .	≥5 16	≥ .	≥.
20000	34.3	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9					34.9	
≥ 18000 ≥ 15000	47.1	48.0	48.0	48.0	48.0	48.0	48.D	48.D	48.0	48.G	46.D	48.D	48.0	48.0	48.0	• 6
≥ 14000 2 1100€	50.8	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7 56.3	51
≥ 1900C ≥ 900C	60.7	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62
≥ 8000 ± ≥ 7000	67.7	69.4	69.4	69.4	69.6	59.6	69.6	69.6	59.6	69.6	69.5	69.6	69.6	69.6	69.5 74.1	69
≥ 6000 ≥ 5000	73.4	75.4	75 - 4	75.4	75.6	75.6	75.6	75.6	75.6	75.5	75.6	75.6	75.6	75.6	75.6 73.1	75
2 450C 2 400C	78.J	80.8	80.8	80.8	80.9	80.9	80.9	8C.9	80.9	30.9	80.9	83.9	83.9	83.9	83.9	83
2 1500 2 1000	c 1 • 1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	64.2	84.2 87.4	94
2500 2 700°	55.2	89.J	B9.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89
90C 50C	66.3	91.1	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.5	91.6	91.6	91.6	92.8	91
200	68.9	94.3	94.9	95.0	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	93.2 95.6	95
9(X) 2 8(X)	89.7	95.7	96.6	97.0	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.5	97
700 2 600	89.7	96.3	97.2	97.7	98.4	96.4	98.6	96.6	98.6	98.6	98.6	98.6	98.6	98.6	98.Z 98.6	98
: 500 : 400	89.8	96.6	97.6	98.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	98.9	99
. 300 . 200	89.8	96.7	97.7	98.2	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.8 99.9	99
- K	80 8	96.7	67 7	99 2	90 6	77.4	77.8	77.7	77.9			U U • U	0.3.0	20.0	100.0	الما يا

USAF ETAC 1104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLE

CLCBAL CLIMATOLOGY BRANCH CDASETAC AIR HEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

1522-1730

CEIUNG							viSi	BILITY STA	ITUTE MILE	5						
FEET	≥10	≥ه	≥ 5	≥ 4	≥ 3	≥2.	≥ 2	≥1:	21.	≥1	2 4	≥ •	≥ :	25 16	2 •	2 5
NO CEIUNG ≥ 20000	33.3 42.6	34.0	34.0 43.5	34.0 43.3	34.D	34.0	34.0 43.3	34.D	34.5 43.3	34.0 43.3	34.0	34.0 43.3	34.0	34.0	34.0	34.D
≥ 18000 ≥ 15000	46.3	47.2		47.2	- 1	47.2	47.2	47.2 48.4	48.4	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000 ≥ 12000	49.3 55.1	50.3 56.3	50.3 56.3	50 • 3 56 • 3		50.3	50.3	50.3 56.3	50.3 56.3	50.3 56.3	50.3 56.3	50.3 56.3	55.3	50.3 56.3	50.3 56.3	50.3 56.3
≥ 10000	61.7 64.2	63.8	63.8 66.3	63.8	63.8 66.3	63.8	63.8	63.8	63.8	63.8 65.3	63.8	63.8	65.3	£3.6	63.8	63.e 66.3
≥ 8000 ≥ 7000	69.2 74.7	71.6 77.1	- · i	71.6 77.1	71.6	71.6 77.1	71.6 77.1	71.6	71.6 77.1	71.6 77.1	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000 ≥ 5000	76.4 79.2	79.6 82.7	79.6 82.7	79.6 82.7	79.6 82.7	79.6 82.7	79.5 82.7	79 • 6 82 • 7	79.5 82.7	79.6 82.7	79.6 82.7	79.6	79.6 82.1	79.6 82.7	79.6 82.7.	79.6 82.7
≥ 4500 ≥ 4000	80.7 83.6	84.2	84.2 87.3	84 • 2 87 • 3	84.2 87.3	84.2	84.2 87.3	84.2 87.3	84.2	84.2 87.3	84.2 87.3	84.2 97.3	84.2	84.2	84.2 87.3	84.2 87.3
2 3500 2 3006	85.2 67.1	89.0 91.8		89.0 91.9	1	89.0 91.9	89.0 91.9	89.0 91.9	89.5 91.9	89.0 91.9	89.0 91.9	89.0 91.9	91.9	89.0 91.9	89.3 91.9.	-
≥ 2500 ≥ 2000	87.8	94.1	92.8	92 - 8 94 - 3	92.8 94.3	92 - 8 94 - 3	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9		92.9
± 1800 ≥ 1500	88.9 89.8	94.3	94.6	94 • 6 96 • 1	94.6 96.1	94 • 6 96 • 1	94.6	94 • 6 96 • 1	94.6 96.1	94.7 96.2	94.7 96.2	94.7 96.2	94.7	94.7	94.7	1 1 1 1
± 1200 ≥ 1000	90.2 95.7	96.1	97.0 98.0	97.0 98.0		97.1 98.2	97.1 98.2	97.1 98.2	97.1 98.2	97.2 98.3	97.2 98.3	97.2 98.3			97.2 98.3	97.2 98.3
? 900 2 800	90.9 91.1	97.8 98.0	98.2 98.4	98 • 2 98 • 4	98.4 98.7	98 • 4 98 • 7	98.4 98.7	98.4 98.7	98.4	98.6 98.8	98.6 98.8	98.6	99.6 98.8		98.5 98.5	
≥ 700 ≥ 600	91.2 91.2	98.1	98.6	98.6 98.9	99.3	98.9 99.3	98.9 99.3	98.9 99.3	98.9	99.0 99.5	99.4	99.0	99.5	99.0 99.4	99.5	
⊴ 500 ≥ 400	91.2 91.2	98.3 98.3	98.9 98.9			99.7 99.8	99.7 99.8	99.7			99.9			99.9		99.9
≥ 300 ≥ 200	91.2 91.2	98.3 98.3	98.9	99.0		99.6	99.9	99.9	99.9	100.0	100.0	00.0	100.0	100.0	100.0	100.0
• + (0 ≥ - 0	91.2 91.2	98.3 98.3	98.9 98.9	99.0		- 1	99.9	99.9	99.9		100.0			100.0	190.0) 190.01	

OTAL NUMBER OF ORSERVATIONS 90

USAF ETAC COM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLET

GL-BAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFR AK
STATION NAME

73-82

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u>រទីបីបី-- និង១០</u>

CEILING							VIS	BILITY ST	ATUTE MILI	E5						
fEET	≥10	≥6	≥ 5	≥4	23	≥2:	≥ 2	21:	≥1.	≥1	≥ •	≥.,	≥ .	≥ 5 16	2.	≥0
NO CEILING	35.2 43.3	36.4	36.3	36.D	36.0	36.D	36.1	36.1 44.2	36.1		36 • 1 44 • 2		36.1	36.1	36.1	
≥ 18000 ≥ 18000	46.9	47.9		47.9	47.9 48.4	47.9 48.4	48.0 48.6	1	48.0		48.5 48.6	48.0		48.C		48.3
≥ 14000 ≥ 12000	48.6 53.3	49.6 54.3	49.6 54.3	49.6 54.3	49.6 54.3	49.6 54.3	49.7 54.4	49.7 54.4	49.7 54.4		49.7 54.4	49.7	49.7 54.4	49.7 54.4	49.7 54.4	49.7 54.4
≥ 10000 ≥ 9000	57.8 59.6	59.4 61.2	59.4 61.2	59.4 61.2	59.4 61.2	59.4 61.2	59.6 61.3	59.6 61.3	59.6 61.3	59.6 61.3	59.6 61.3	59.6 61.3	59.6 61.3	59.6	59.6 61.3	59.6
≥ 8000 ≥ 7000	66.0 71.9	67.8		67.8 74.6	68.D 74.8	68.D 74.8	68.1 74.9	68.1 74.9	68.1 74.9	;	68.1 74.9	68-1 74-9	68.1 74.9	68.1 74.9		
≥ 6000 ≥ 5000	74.4 77.6	77.1 81.1	77.1 81.1	77.1 81.1	77.3	77.3 81.3	77.4 81.4	77.4 81.4	77.4 81.4	77.4 81.4	77.4 81.4	77.4 81.4	77.4 81.4	77.4	77.4 81.4	77.4
≥ 4500 ≥ 4000	79.2 80.8	83.2 85.2	;	83.2 85.2	83.6 85.7	83.7 85.5	83.8 86.D	83.8 86.0	83.8 86.0	83.8 86.0	83.8 86.0			83.8 86.0	63.9 86.0	86.0
≥ 3500 ≥ 3000	82.8 54.7	91.3	91.1	91.1	87.9 91.6	88.D 91.7	91.9		88.2 91.9	91.9		91.9		91.9	91.9	91.9
≥ 2500 □ ≥ 2006	85.2 86.2	92.0	93.6	92.2	92.7 94.0	92 • 8 94 • 1	93.0	93.0 94.3		94.3	94.3	94.3	94.3		94.3	94.3
± 1800 ± 500	87.2	93.2	95.7	93.9	94.3	96.4	94.7	94.7	94.7	94.7	94.7 96.7	96.7	94.7	96.7	94.7 96.7	96.7
2 (200) 2 (000)	87.3	95.9	96.7	96.8	96.6	96.8	97.0 97.8	97.0 97.8	97.0	97.8	97.8	97.8	97.0	97.8	97.3	
	67.4 87.7	96.3	97.2	96.9	97.9	97.7	97.9	97.9			97.9	98.3	98.3	98.3		98.3
± 700 ≥ 800	87.7	96.7	97.2 97.5	97.7	97.9	98.4	98.3		98.7	98.7		98.7		98.7		98.7
± 500 ≥ 400	67.8 67.8	97.1 97.3	98.2	98.1 98.3	99.3 99.6			100.0	100.0	100.0	99.8 100.0	100.0		100.0	0.00	DC.D
2 100 2 200	87.8 57.8	97.3	98.2	98.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	0.00	103.0	100.0	100.0	00.0
, oc	87.8	97.3				1					100.0					!

USAF ETAC 10164 D-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 ETELSON AF3 AK 73-82

2122-2330

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							VIS	BILITY STA	ATUTE MILL	ES						•
FEE*	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 ≈	≥ 2	≥17;	≥1.	≥1	≥ .	≥ `>	≥ 7	≥ 5 16	2.	≥c
NO (EIUNG ≥ 20000	42.3 46.6	43.8			43.9			43.9 48.3	43.9	- 1	_	43.9	44.0		44.1	44.1
≥ 18000 ≥ 16000	48.4	50 • 1 50 • 8	50.1 50.8		50.2 50.9	50.2		50 • 2 50 • 9	50.2 50.9	50.2 50.9			50.3 51.0		50.4 51.1	50.4 51.1
≥ 14000 ≥ 12000	49.6 52.0	51.4	51.4 54.0		51.6 54.1	51.6 54.1	51.6 54.1	51.6 54.1	51.6 54.1	51.6 54.1	51.6 54.1	51.6 54.1	51.7 54.2	51.7 54.2		51.6 54.3
≥ 10000 ≥ 9000	55.3 55.6	57.8 59.1	59.1	59.1	57.9 59.2		59.2	59.2	57.9 59.2	59.2	59.2	59.2	59.3		59.4	58 • 1. 59 • 4.
2 8000 2 7000	64.3 71.6	67.3 75.4		75.4	67.8 75.9	75.9	75.9	75.9	75.9	75.9		67.8 75.9	76.0		76.1	76.1
2 5000 2 5000 2 4500	72.9 75.3 77.3	76.9 85.0	76.9 80.0	80.0	77.3 80.4	77.3 80.4	80.4	BD. 4	77.3 80.9	80.4	80.4	80.4		80.6	80.7	80.7.
. 4000 > 3500	78.7 60.1	82.7 84.6	82.7 84.6	82.7 84.6 86.6	83.4 85.3	83.4 85.3	85.3	85.3	85.3	85.3	85.3	85.3	83.6 85.4 87.4	85.9		85.6
2 F100 2 2500	63.1	89.0 92.1	89.1 92.6	89.1	89.9	89.9 93.4	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.1 93.7	93.1
800	63.7 83.8	92.9	93.6	93.6	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	99.6	94.6	- :	94.7
2 7500	84.3	94.6			95.8 97.2	95.8 97.2		95.8 97.2		95.8 97.2	95.8 97.2	95.B		95.9 97.3		96.E
2 1000 2 900 2 800	64.0	94.6			97.6	97.6	97.6		97.6	97.6	97.3 97.6	97.6		97.4		
2 800 2 700 2 800	24.1	94.7	96.3	96.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7		97.8	97.9	97.9
2 500 2 400	84.1 54.1	94.9			98.1	98.2	98.2		97.B	98.2	98.2		98.3	98.3		98.4
2 K 2 700	84.1	94.9	97.0	97.0	98.8	98.9	99.4	99.6	99.6		99.6	99.7	99.8	99.8	99.9	99.9
- X	54.1	94.9	97.0	97.0	98.8	98.9	99.4	99.6	99.6	99.6	99.7			99.9	100.0	100.0
	84.1 54.1	94.9	97.0	97.0			99.4		99.6 99.6 99.6	99.6		99.8	99.9	99.9	99.9 100.0	100

TOTAL NUMBER OF ORSERVATIONS 9.0

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG !							v15:	elity St	ATUTE MILI	E 5						
! FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	: اج	≥1.4	≥1	≥ .	≥ •	≥ :	≥5 16	2.	≥¢
NO CEILING ≥ 20000	35.1 41.8	36.7 43.8		36 . 8 43 . 9	37.0 44.1	37.D	37-1 44-1	37.1		37.2 44.3	37.3	37.3	37.4 44.5	37.4	37.4 44.6	37.5
≥ 18000 ≥ 6000	44.6	46.6		46.8	46.9 47.7	46.9	47.7	47.1		47.1 47.9	47.2 48.0	47.2 48.0		47.3	•	47.5 48.2
≥ 14000 ≥ 12000	46.5 50.1	48.6 52.3	52.3	48 - 8 52 - 5	48.9 52.6	48.9 52.6		49.1 52.8		49.2 52.8	49.2 52.9	49.2 52.9		49.4 53.1	49.5 53.2	53.2
≥ 1000C ≥ 900C	54.9 56.5	57.5 59.3	59.3		57.9 59.6		59.7					60.0	62.1	58.3 60.2	67.3	
≥ 8000 ≥ 7000	62.2	71.6 73.5	71.8		65.8 72.1	72.1	72.2	72.3		72.4	72.5		72.7	72.7	72.9	72.8
≥ 6000 ≥ 5000 ≥ 4500	69.6 72.3	76.7	76.8	73.8 76.9	74.0 77.2 79.8	74.0 77.2 79.8	74.1 77.3	74.2 77.4		77.5	74.4 77.5 80.2	74.4 77.6			77.9	78.C
≥ 4000 ≥ 3500	76.4	81.6		81.9	82.2		82.4	82.4	82.5 84.5	82.6	82.6	82.5	82.8	82.9	83.0	83.1 85.1
≥ 3000 ≥ 2500	79.8	86.3	86.5	88.6	87.1	87.2	87.3	87.4	87.4	87.5	87.6	87.6	• • • •	87.8	88.3	
2000	81.6	89.2	89.4	89.7	90.5	90.2	90.4	90.5 90.8	90.5	90.6	90.7	90.7	90.9	90.9	-	91.1
2 1500 2 1200	ε2.5 83.0	90.5	91.1	91.4	91.9	92.0 93.0	92.1	92.3 93.3	92.3	92.4	92.5	92.5	92.7		92.9	92.9
≥ 1000 ≥ 900	83.4	92.1	92.8	93.2 93.4	93.9	94.0	94.4	94.3	94.5	94.4	94.5	94.5	99.7		94.9	94.9
≥ 800 ≥ 700	63.6	92.5	93.8	93.9	94.7 95.1	94.8	94.9	95.1 95.5	95.1 95.5	95.2	95.7	95.3 95.8	95.5	95.6	1	
≥ 500 ≥ 500 ≥ 400	83.9	93.5		95.2	95.6	95.7	95.8	96.D 97.3	97.4	96.2	96.3 97.7	96.3	96.5	96.5	98.1	98.2
2 300 2 200	83.9	93.6	94.9	95.4	97.3	97.5	98.0	98.3	98.4	98.7	98.9	98.5 99.0	- 1	99.4	99.6	
130	1	93.7 93.7 93.7	94.9	95.6		97.5	98.1 98.1 98.1		98.4	98.8 98.8 98.8	99.0	99.1	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7201

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOUT

CLCBAL CLIMATOLOGY BRANCH CSAFETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 ETELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-0225-5530

CEILING							V15	IBILITY STA	ATUTE MILI	ES						
FEET 1	≥¹C	≥6	≥ 5	≥4	≥ 3	≥2 :	≥ 2	≥1 :	≥1.4	≥1	≥ '4	2 `•	≥ :	≥ 5 (6	2.	≥0
NO (EIUNG) ≥ 20000	31.5	34.0 36.7	34.1 36.8	34.3 37.0	34.8 37.5	34.6 37.5	34.9 37.6		35.1 37.7		35.1 37.7	35.1 37.7				
≥ 18000	35.9 36.5	38.5 39.1	38.8 39.5	39.1 39.8	39.7	39.7	39.8	39.8 40.4	39.9		39.9 40.5	39.9			40.0	
≥ 14000 ≥ 12000	38.0 40.9	40.6	41.0 43.8	41.3	41.8	41.6	41.9	41.9	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.2
≥ 9000 ≥ 30000	42.8	46.0 49.0	46.3	46.7	47.2 50.2	47.2 50.2	47.3 50.3	47.3 50.3	47.4 50.4	47.4 50.4	47.4 50.4	47.4 50.4	47.5 52.5	47.5 50.5		47.5 50.5
≥ 8000° ≥ 7000	49 · 1 52 • 4	53.2 56.8	53.7 57.2	54.1 57.6	54.6 58.2	54.6 58.2	54.7 58.3	54.7 58.3	54.8	54.8 58.4	54.8 58.4	54.8 58.4	54.9	54.9 58.5	54.9 58.5	54.9
≥ 6000 ≥ 5000	52 • 3 56 • 1	57.2	57.6 61.6	58.1 62.2	58.6 62.7	58.6 62.7	58.7 62.8	58.7 62.8	58 • 8 62 • 9		58 • 8 62 • 9	58.8 62.9	58.9 63.0	58.9 63.0	58.9 63.0	56.9 63.D
> 4500 ± 4000	58 • 5 59 • 1	63.9	64.5 65.8	65.3 66.8	65.8 67.5	65.8	65.9			66.D	66.D	66.0 67.7		66.1 67.8	66.1 67.8	66.1 67.8
≥ 1500 ≥ 1006	61.7	69.8	67.5	68.6 72.3	69.5 73.4	69.5	69.6 73.7		69.7 73.8	69.7 73.8	69.7 73.8	69.7 73.8	69.8 73.9	69.8 73.9	69.8 73.9	69.8 73.9
≥ 2500 ≥ 2000	63.9	71.1 73.0	72.5 74.6	73.7 76.0	75.2 78.1	75 - 2 78 - 5	75.6 79.4	[75.7	75.7 79.5	75.7 79.5	1	75.8 79.6	75.8 79.6		75.8 79.6
. 2 1800 2 1500	64.9	73.5 75.6	75.2 77.3	76.7 79.2	78.9 81.8	79.4	80.3	80.5 83.8	80.6 83.9		8C.6 83.9	80.6 83.9	83.8 84.D	80.8 84.0	85.8 84.0	80.8 84.0
2 1200 ≥ 1000	64.9 65.5	76.2 77.5		79.9 81.6	7 7 7 1	93.4 85.7	85.4 88.1	85.8 88.5	- 1		85.9 88.7	85.9 88.7	86 - D 89 - D			86.C 89.3
> 900 ≥ 800	65.5	78.1 78.3	80.1 80.9	82.4 83.4	86.0 87.2	86.8 88.0		1	89.9 91.3	90.0	90.0 91.6	90.0	93.3	90.3 91.9	90.3 91.9	90.3
≥ 700 ≥ 600	65.6 65.7	78.5 78.6	80.6	83.7 84.3	87.5 88.5	88.4	91.0 91.9		91.7 92.7	91.9 92.9	92.0 93.0	92.0 93.0		92.4	92.4	92.4 93.4
± 500 ≥ 400	65.9	79.8 80.3	82.6 83.3	85.9 86.9		91.7 93.1	94.4	95.1 96.5	96.6			95.6		96.0 97.4		96.0
± 300 ± 200	65.9 65.9	80.3 80.3	83.3	86.9 86.9		93.2 93.2		96.7 96.8			: 1	97.8	98.3	98.5 99.0		98.7 99.7
- J0 - 2	65.9 65.9	80.3 80.3	83.3		92.0 92.0	93.2 93.2				97.7 97.7		98.1 98.1		99.2 99.2	99.8	100.0

CL:9AL CLIMATOLOGY BRANCH USAFETAC AIR BEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

73-82

OCT WONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0320-0500

CEILING '							VISI	BILITY STA	TUTE MILE	£5						
FEET	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1';	≥1.4	≥+	2.	≥ '•	≩ 7	≥5 16	٤.	≩¢
NO CEILING ≥ 20000	28.7 31.5	32.2 34.4		32.4 34.6	32.8 35.1	32.9 35.2	33.0 35.3	33.3 35.6	33.3 35.6	33.4 35.7	33.5 35.9	33.5 35.9		33.7 36.1	33.7 36.1	33.7 36.1
≥ 18000 ≥ 16000	32.4 32.7	36.1 36.8	36.5 37.1	36.6 37.2		37.1 37.7		37.5 38.2	37.5 38.2	37.6 38.3	+	37.8 38.5		38.2 38.8		78 - 31 33 - 9
≥ '4000 ≥ 12000	34.1 35.9	38.2	38.5	36.6 40.5	39.0 41.0	39.1 41.1	39.2 41.2	39.6	39.6 41.5	39.7 41.6	39.9	39.9 41.8	42.2	40.2	40.3	40.3 42.3
≥ 10000	39.4 40.8	45.3	44.2	44.3	44.7	46.2	45.1	45.4	45.4	45.5	45.7 47.1	45.7	46.0	45.0	46.1	46.1
≥ 8000 ≥ 7000	44.4	49.8 53.7	50.3	50.4	54.7	51.0 54.8	51.2 55.1	51.5		51.6 55.5	55.7	51.8	56.0	52.2 56.0	56.1	52.3 56.1
≥ 6000 ≥ 5000 ≥ 4500	48.2 51.3	54.3 57.8		54.9 58.7 62.6		55.6 59.4 63.2	55.8 59.6 63.4	56.1 59.9 63.8	56.1 59.9 63.8	56.2 60.0		56.5 60.2 64.1	56.8 60.5	56.8 60.5		56.9 60.6 64.5
± 4000 ± 3500	56.2	64.2	64.9	65.6		66.7	66.9	67.2	67.2	67.3	67.5		67.8	67.E	68.3	68.D
2 3000	58.9	68.6	69.4	70.0	71.4	71.5	71.7		72.D	I	72.4	72.4			72.8	
2000	61.5	72.9		74.7	77.0 77.5	77.7	77.6	78.5	78.5	78.1	78.3 78.8	78.3	78 • 6 79 • 1		78.7	78.7
2 1500	62.9	74.9	76.5 78.2	77.6	80.2	80.5 83.0	81.1	81.4	84.5	81.5	81.7	81.7	82.0 85.2	82.0	82.2	
2 1000	63.5	77.4	79.2 79.5	81.4	84.B	85.4	86.9	88.9	87.6	87.7 89.3	89.2	89.2	88.4	89.7	89.8	89.8
≥ 800 ≥ 700 ≥ 600	64.1	78.9	81.5	82.8		88.7	90.4	91.2	90.4	90.5	91.5	91.5	91.2		91.3	
± 500 ± 500 ≥ 400	64.6	81.2	83.9	86.2	91.3	92.4	94.1	92.7	92.7	92.8	93.0 95.2	93.0 95.2 97.3	93.4 95.6 97.7	95.6	93.5 95.7	
2 300 2 200	54.8 54.8	82.2 82.2 82.2	84.9	87.7 87.7 87.7	93.0 93.0	94.4	96.3 96.3	97.0 97.2 97.2	97.0 97.2 97.2	97.1 97.5 97.5	_	97.7 97.8	98.6	97.7 98.7 99.4	97.8 98.9	
×	64.8 64.6	82.2	84.9	87.7	93.D	94.4	96.3 96.3	97.2 97.2	97.2	97.5 97.5	97.8	97.8	99.2		99.7	

AL NUMBER OF OBSERVATIONS 93

USAF ETAC - 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSCIET

GL.BAL CLIMATOLOGY BRANCH LEAFETAC ATH REATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 755C ETELSON AFB AK SYANON NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING .							viS	IBILITY ST.	ATUTE MIL	ES						
' FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1:	≥1.	۱ خ	≥ 4	≥ `•	≥ :	≥5 16	≥.	≥0
NO CEILING ≥ 20000	22.3	23.8	24.5	24.7	25.1	25.4	25.5		25.5	25.5	25 • 6 29 • 8	25.6 29.8	25.9 30.1	26 • 1 30 • 3	26.2 30.4	26.3
≥ 18000 ≥ 16000	30.9 31.0	31.8 32.6	32.6	32.8 33.5	33.1 33.9	1		33.5	33.5	33.5	33.7 34.4		34.0	34.2	34.3 35.1	34.4
≥ 14000 ≥ 12000	32.5	33.4 36.1	34.3 37.0	34.5 37.2	34.8 37.5		35.3 38.0	35 • 3 36 • 0	35.3 38.0	35.3 38.0		35.4 38.1	35.7 38.4	35.9 38.6		
≥ 10000 ≥ 9000	47.0	41.6	44.2	44.5	44.9	45.3	45.5	45.5	45.5	45.5	45.6	45.6	95.9		46.3	44.8
2 8000 2 7000	45.5 50.0	48.1 53.1	49.0 54.1	59.6	55.4	50.4 55.7	55.9	55.9	55.9	55.9	56.1	50.9 56.1	56.5	51.5 56.8	9.42	57.1
2 6000 2 5000	50.5	57.6	55.1 58.6	55.6	60.2	56.7 60.5	60.8	60.8	60.8	60.8	61.0		61.3	61.6	61.7	58.1
± 4090 ± 3500	56.5 58.2	62.9	63.9	64.9	63.1 66.0		66.8	66.9		66.9	67.1	63.9 67.1 70.1	67.4			64.8 68.1 71.1
2 3000	62.3	68.2 70.6	69.4 71.9	70.4 73.2	72.4	73.1	73.3	73.4	73.4	73.4	73.7	73.7	74.0	79.3	74.4	74.6
2000	65.6	72.7	74.1	75.5	77.0	78.8	79.1 79.7	79.2	79.2	79.2	79.5	79.5	79.8	80.1	BD.2	80.4 81.0
2 1500	67.7	74.7	76.2 76.9	78.0 78.6	80.9	81.9	82.7	84.0	82.8	83.0	83.2	83.2	83.7	84.C		84.3
> 900	67.8	77.4	79.1 79.4	81.4	84.6	85.9	87.5	87.3 87.8	87.3 87.8	87.8	88.3	88.3	89.4	89.1 89.7	89.2	89.5 90.0
2 800	68.3	78.4 78.4	79.9 80.3	82.6	- MF BL	87.3 88.0	89.0	88.7	88.7	90.0	89.8 90.4	90.4	91.0	90.6 91.3	90.8	91.0 91.6
≥ 500 ≥ 400	68.9	80.4	81.6	84.1	89.4	91.4	92.5	91.5				92.6	93.1	93.4	93.5 95.1	95.3
2 300	69.0	81.9	84.2	86.8	91.6	93.8	94.3	95.8	95.2	95.8			97.1	97.5	98.9	97.B
100	69.0 69.0	81.9 81.9	84.2	86.8	91.6 91.6 91.6		_	95.9 95.9 95.9		96.8	97.4 97.4	97.4	98.5 98.5	98.9	99.5	100.0

TOTAL NUMBER OF ORSERVATIONS

USAF ETAC 150 0-14-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOUTE

GLCBAL CLIMATOLOGY BRANCH LSAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY STA	ATUTE MIL	ES						
FEET	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2 :	≥ 2	≥1:	≥1'•	≥1	≥ .	≥ .	≥ :	≥ 5 10	≥ .	≥c
NO CEILING ≥ 20000	22.1	22.3				23.8				23.8 30.9				24.0	24.1	24.1
≥ 18000 ≥ 16000	32.9 3 3. 5	34.1 34.8				35 • 3 36 • D	35.3 36.0		35.3 36.0			35.4. 36.1	35.6 36.3	35.6 36.3	35.7 36.5	35.1
≥ 14000 ≥ 12000	35.4 39.0	36.7 40.3		1	37.8 41.5	37.8	37.8 41.5	37.8 41.5	37.8 41.5	37.8 41.5	38.3 41.6	36.0 41.6	38.2 41.8	38.2	38.3	38.
≥ 19000 ≥ 9000	44.1 45.3	45.4	-		46.6 48.8	46.6	46.6	46.6	46.7	46.7		46.8 49.0	47.0	· :	47.2 49.5	47.
2 8000 2 7000	51.8 55.5	53.8 57.6	_		55.6 59.6	55.6 59.6	55.6	55.6 59.6	55.7 59.7			55.8 59.8	56.0 60.0	56.0 60.0	56.2	
≥ 6000 ≥ 5000	56.1 57.8	58.6 63.6	- : -	60.0 62.0	60.5 62.6	60 • 5 62 • 6	60 • 5 62 • 6	60.5 52.6	60.6	60.6 62.7	60.8	60.8 62.8	61.0 63.0		61.2 63.2	61.
≥ 4500 ± 4000	60.1 62.3	63.1 65.5	63.9 66.2	i _ l	65.4 68.2	65.4	65.5 68.4	65.5 68.4	65.6 68.5	65.6 68.5	65.7 68.6	65.7 68.6	65.9 68.8	65.9 68.8	66.1 69.0	66. 69.
2 3500 2 3000	63.9	68.0 71.1	72.7	73.1	70.8 74.6	70.9 74.8	71.0 75.1	71.0 75.1	71.1 75.2	71.1 75.2	71.2 75.3	75.3		71.4 75.5	71.6. 75.8.	
≥ 2500 ≥ 2000	68.4	72.8 74.5		76.6		77.0 78.8			77.7 79.8		77.8 79.9	77.8 79.9	78.1 60.1	78.1 80.1	78.41 80.4	95.
≥ 1800 ≥ 1500	68.1 68.9	74.5	77.2	78.3	80.2	78.8 80.8	79.6 81.5		81.8			82.2	82.4	82.4	82.7	
≥ 1200 ≥ 1000	69.9		77.8	80.9	83.4	81.7	82.7			87.0	87.5	87.5	87.7	87.7	88.1	86.
≥ 900 ≥ 800	70.0	79.1	80.9	82.4		84.9 85.7				89.5		90.0	90.2	90.2	90.5	90
≥ 700 ≥ 600	70.5	80.9	82.7	84.6		87.2		91.2	1	93.3	94.4	92.4	92.6	94.7		95.
≥ 500 ≥ 400	70.6	81.4	83.4	85.9	89.6	90.4	91.5		94.4	95.7	97.1	95.7 97.1	97.5	97.6		98.
≥ 300 ≥ 200	70 • 6 70 • 6	81.7 81.7	84.4	86.8	90.8	91.6 91.6	93.7	94.5	95.7	97.1 97.1	98.5		99.0	99.2		99.
> 136 > 0	70.6			1 0 0 0 0		- 1			95.7	-	98.5	98.5		:	99.8	

TOTAL NUMBER OF OBSERVATIONS

SECRAL CLIMATOLOGY BRANCH CSAFETAC ATR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

7 26 C EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY STA	ATUTE MIL	E5						
FEET	≥10	≥ه	≥ 5	2.4	≥ 3	≥2.	≥ 2	≥1:	≥١.	ر ج	2.	≥ •	≥ .	≥ 5 16	≥ •	≥ C
NO CEILING ≥ 20000	24.3 31.3	25.2		1	25.3	25.3	· .	71		25.3 32.0			25 • 3 32 • 0	25 - 3. 32 - Di	25.3	25.3 32.0
≥ 18000	36.2 36.9	36.8		36.9 37.5	36.9 37.5	36.9			37.0	37.5 37.6	37.0 37.6	37.0 37.6		37.0 37.6	,	37.5 37.6
≥ 14000 ≥ 12000	38.7 41.7	39.2			39.4 42.5	39.4 42.5	39.5 42.6	39.5 42.6	39.5 42.6	39.5 42.6	39.5 42.6	39.5 42.6	39.5 42.6	,		
≥ 10000 ≥ 9000	46.9 48.9	47.4	49.7	47.5	47.5	47.5	_50 <u>.0</u>	50.0	50.0	50.0	47.6 50.0	47.6 50.0	47.6 50.0		47.6: 50.0,	47.6 50.D
≥ 8000 ≥ 7000	53.7 56.7	55•1 58•5	58.5	58.7	55.3 58.8	55.3	_55.9	55.4 58.9	55.4 58.9		55.4 58.9	58.9	55.4 58.9	55.4 58.9	55.4 58.9	55.4 58.9.
2 6000 2 5000	58.8 61.8	66.8 64.0	64.3	61.0 64.2	61.1 64.3	61.1 64.3	64.4	69.5	64.5	64.5	61 • 2 69 • 5	64.5	61.2 64.5	51.2 54.5	61.2 69.5	51 • 2 54 • 5
≥ 4500 ± 4000	63.0 63.8	65.3 66.5	66.5	66.7	65.6 66.8	65.6 66.8	66.9	65.8 67.D	67.0	67.0	65.8 67.0	67.0	67.0			67.0
2 3500 2 3006	67.8	68.9 72.0	72.7	73.0	73.7	69.7 73.7	74.0	74.2	74.2	74.2	69.9 74.2	74.2	74.2	74 - 2	69.9 <u>74.2</u> ,	74.2
≥ 2500 ≥ 2000	70.2	73.7 75.1	74.3	74.9	75.7	75.7 77.8		76.7 78.9	78.9	78.9	76.7 78.9	78.9	78.9		78.9	78.9
2 1500	70.3	75.3			78.1 80.6	78.2	81.7	79.2 82.2	82.4	82.7	79.2 82.9	82.9	79.2 83.0	83.C	79.2	83.C
≥ 1200	72.4	78.9 81.1	82.9	81.6		83.3 86.8	88.5			91.0	85.8 91.2	91.2	91.3	91.3	85.9 91.3	
≥ 900 ≥ 800 > 700	74.1 74.6 74.7	82.5	85.3	85 • 6 86 • 7	87.7	88.3	91.2			93.8	92.7	94.1	94.3	94.3	92.9	94.2
≥ 600	75.4 75.6	84.0 85.1	87.2	88.7	89.7 91.1 92.0	90.3	1		95.4	96.1	94.9 96.5 97.6	94.9 96.5 97.6		96.7	95.2 96.7	
≥ 500 ≥ 400 ≥ 300	75.6 75.6	85.4			92.4	92.7 93.0 93.7	94.7	96.1	96.7	97.6	98.2			97.8 98.4 99.6	98.4	97.8 98.4 99.6
2 200	75.6 75.6	85.7	88.3	90.2 90.2	92.9		95.4	96.9	97.4	98.4	99.1	99.2	99.7	i í	99.7	100.0
	75.6	35.7	88.3	90.2	1					1	1	99.2		99.7		

USAF ETAC 10164 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSQUETE

GL.FAL CLIMATOLOGY BRANCH LSAFETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

73-82

____<u>2</u>ÇI____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1522-1720

CEILING							VISI	BILITY STA	ATUTE MILE	ES						
FFET	≥ 10	ه خ	≥ 5	≥4	≥ 3	≥2	≥ 7	≥1:	≥1.	≥1	≥ :₄	≥ `₁	≥ :	≥ 5 16	≥ •	≥c
NO CENING ≥ 20000	25.9 31.1	26.3 31.2	26.1 31.3	26.1 31.3	26.1 31.3			26.1 31.3	26.1 31.3				26.1 31.3		26.1 31.3	26.1 31.3
≥ 18000 ≥ 16000	35.4 37.3	35.5 37.4	35.6							35.6 37.5					35.6 37.5	
≥ 14000 ≥ 12000	38.4 41.4	38.5 41.7			38.7 41.9			38.7	- 1						38.7 41.9	
± 10000 ≥ 9000	45.9	46.2		46.3	;	46.5 50.0		46.5 50.0		1	46.5 50.0		46.5 50.0		46.5 50.0	46.5 50.0
≥ 8000 ≥ 7000	55•1 58•4	56.5	56.5		56.7	56.7	56.7	56.7	56.7	56.7		56.7	56.7	56.7	56.7	56.7
≥ 6000 ≥ 5000	62.2		63.3		63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 4500 ≥ 4000	63.1	66.1		66.3	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	56.9	66.9	66.9
2 3500 2 3000	56.1 67.7	73.6		71.2	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.8
≥ 2500 ≥ 2000	68.3 69.9		76.3 78.6							78.4 81.9		78.4 81.9			79.4 81.9	
2 800 2 500	70.2 72.3	77.6 79.8	1	79.9 83.1	81.3		- 1	82.6 86.6	1		82.7 86.9		82.7 86.9		82.7	
± 200 ≥ 1000	72.1 73.1	80.9 82.2	1	84.6 86.1	86.9	87.1 88.9	1	88.8		89.0 92.5		89.2 93.0		89.2 93.1		89.2 93.1
> 900 2 800	73.3 74.0	82.5 83.2	84.6 85.4	86.5 87.2						93.0 94.4			93.7 95.1		93.7 95.1	
2 700 2 600	74.5 74.6	84.1 84.7	86.2 86.9	88.1	9D.5	91.1 91.8	92.5 93.3	94.0 94.8	94.3	95.3 96.2	ł.	95.8 96.8			95.9	
: 500 2 400	74.8 74.8	85.1 85.2	87.2 87.4	89.4	91.8 92.0	92.4 92.6	93.9 94.1	95.4 95.6	1	,					97.8 98.3	
2 300 2 200	74.8 74.8	85.2 85.2	87.4		92.5			96.5	97.0	98.3 98.5	99.1	99.4	99.7	99.7	79.7	99.8
; xv	74.8 74.8	85.2 85.2	87.4 87.4												99.7	

TOTAL NUMBER OF OBSERVATIONS.

SE SAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15,22-2000

CERING							viS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 >	≥ 2	≥1';	≥1.	≥י	٤.	≥	≥ .	25 16	2 •	≥:
NO €EIUNG ≥ 20000	27.4		28.7	28 • 7 34 • 0	28.8 34.1	28 • 9 34 • 2					28.9 34.3	28.9 34.3	28.9 34.3	28.9 34.3	28.9 34.3	28.9 34.3
≥ 18000 ≥ 16000	35.1 36.7	36.5 38.1	36.8 38.4				1	37 • D 38 • 6			37.1 38.7	37.1 38.7	37.1 39.7	37.1 36.7	37.1 38.7	37.1 38.7
≥ 14000 ≥ 12000	37.8	39.2 41.5	39.6			39 • 8 42 • U							39.9	1	39.9	
≥ 10000 ≥ 9000	43.3	45.2	45.5	45.5	11.73	45.7		45.7			45.8 48.9			45.8		45.8
≥ 8000 ≥ 7000	52.0	54.0		54.3	54.4		54.5	54.5	54.6	54.6	54.6		54.6			54.6
≥ 6000 ≥ 5000	57.8			61.0		61.2	61.2	61.2					61.3	61.3		61.3
≥ 4500 2 4000	61.0	64.9		65.6		65.8			65.9	65.9			65.9		65.9	
2 3500 2 1000	64.7	69.4	70.2	70.4	70.8		70.9		71.0		71.0	71.0	71.0		71.0	
≥ 2500 - 2000	66.2	74.9	76.5			79.2	79.4	79.5 81.6					79.6	79.6	79.6	79.6
2 1500 2 1500	67.5		78.3		81.6 84.3				82.4	82.4	82.4	8 2 . 4 8 5 . 4	32.4	82.4	82.4	
2 1200 ≥ 1600	68.4	78.3	87.9		85.9	86.6		87.5	87.6	,	,	87.7 91.3		1	87.7	87.7
> 900 2 800	68.8		82.5 82.7		88.7	89.7	91.2	91.5	91.7	91.9	92.5	92.5	92.6		92.6	92.6
≥ 700 ≥ 600	69.4		83.1	86.2	89.6	90.5	92.3	92.7	93.0	93.3	94.1				94.2	
2 500 2 400	69.4			88.4	92.3	93.3	95.2	95.7	96.1	96.5	97.3		97.4	97.4	97.4	
2 J00 2 J00	69.4		85.3 85.3		93.1	94.2	96.0	97.3	98.0	98.4		99.2		99.6	99.6	99.6
; :u0 2 ·	69.4	81.7	85.3 85.3		93.1		96.7	97.3	98.0	98.4		99.4	99.5	100.0	100.0	00.D

CLITAL CLIMATOLOGY BRANCH CSAFETAC ATP REATHER SERVICEZMAC

CEILING VERSUS VISIBILITY

7 2650 ETELSON AFB AK

73-82

- BCI

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2132-2300

CEIL NO		VISIBILITY STATUTE MILES														
	_ ≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1";	≥'.	ا≲ٍ	≥ .	≥`•	≥ :	≥ 5 16	≥ •	≥0
NO 1 EUNG 20000		34 - d 37 - Bi													35.5 38.6	
≥ +8000 3 15000		39.7 41.3														
2 14000 2 7000		42.3	44.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5
≥ '0000' ≥ 9000	45.3 47.8	50.1	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2		51.2
≥ 8000 ≥ 7000		57.7	58.2	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	54.4 58.9	58.8
≥ 6000 ≥ 5000	55.1 56.6	60.8	61.2	61.6	61.7	61.7	61.7		61.7	61.7	61.7	61.7	61.8	61.6	59.7 61.5	61.8
≥ 4500 ≥ 4000	58.3	65.1	65.7	66.3	64.3	66.6	66.6	66.6	66.6		66.6	66.6	66.7	64.4	66.7	
≥ 3500 ≥ 3000	63.6	69.8	71.0	71.9	69.0 72.5	72.7	72.8		72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
≥ 2500 ≥ 2000 > 800	53.5 54.7	74.1	73.8 75.7 76.5	77.7	78.6		79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	76.8 79.8 87.6	
2 1500	66.3	76.6	78.3	80.5	81.6	82.0	82.9	83.2		83.2	83.2	83.2	83.3	83.3	83.3	P3.3
≥ 1000 ≥ 900	66.3	78.5		84.3	86.3	86.8	88.5	88.9	88.9	88.9	88.9		89.1	89.1	89.1 90.1	89.1
2 800 700	56.6	78.8	81.2	84.8	87.2	98.0	89.9	90.3	90.4	90.5	90.5	90.5	90.8	90.8	90.8 91.7	90.8
2 600 500	67.1	8 C . 3	82.7 83.9	86.6			92.2	92.7	92.8	92.9	92.9	93.0	23.3	93.3	93.4	93.4
2 400	67.4	81.3	84.3	88.7		93.3	95.7		96.5	96.6	96.6	96.7	97.3	97.3	97.4	97.4
2 200	67.4	81.4	84.4	89.2	93.4	94.4	96.9	97.6	98.1	98.3	98.5	98.6	99.4	99.4	99.5	99.7
2 0	67.4	(84.4												99.7	

TAL NUMBER OF OBSERVATIONS 93

USAF ETAC 1-104 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLE

GL.FAL CLIMATCLOGY BRANCH USAFETAC ALA MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

73-82

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

- ALL

CERING FEE*		VISIBILITY STATUTE MILES														
	≥10	≥ 6	≥ 5	≥ 4	≥ 3	≥2;	≥ 7	≥1:	≥1.	≥1	≥	≥ .	≥ :	≥ 5 16	2.	≥ 0
NO CEIUNG 20000	27.5 31.5	28.4		28.8 33.3	29.0 33.6	29.1 33.6	29 • 1 33 • 7	29 • 2 33 • 7	29.2 33.8			29.2 33.8		29.3 34.0	29.4	29.4
≥ 18000 ≥ 16000	34.6 35.5	36.1 37.2		36 • 7 37 • 7	36.9 37.9	36.9 38.0	37.0 38.0	37.0 38.1	37.1 38.1	37.1 38.1	37 • 1 38 • 2	37.1 38.2	37.3	37.3 38.3	37.3	37.4 36.4
≥ 14000 ≥ 12000	36.9 39.5	38.5	38.9	39 • 1 41 • 8		39.4 42.1	39.4	39.5 42.2	39.5		42.3	42.3	42.4	39.7 42.5	39.8°	39 · 8
≥ 10000	45.9	45.4	48.2	48.5	48.7	46.3 48.8			46.5 49.0	49.0	49.0	4 9 D	49.2	49.2	49.2	
≥ 8000 ≥ 7000 ≥ 6000	50 • 3 53 • 9	53.0 57.2	57.6	57.9	58.3	54.0 58.3	58.4	54.2 58.5	58.5	58.5		58.6	58.7		59.8.	58 E.
2 500° 2 500° 2 450°	55.0 57.4 59.4	58.4 61.3 63.6	61.8		62.5	59.5 62.6	62.7			62.8	62.3	62.8	63.0	60.0 63.0 65.5	63.1.	53.1
± 4000 ± 1500	50.5 52.2	55.4 67.7	66.0	66.5	67.2	67.3	67.4	67.5	67.5		67.6	67.6	67.7	67.B	<u> </u>	55.6 57.8 70.5
≥ +06	63.9	70.7	71.7	72.4	73.5	73.7	73.9	74.1		74.1	74.2	74.2	74.3	74.4	74.4.	74.5
2 1800	66.3 56.6	74.4				79.6	79.6	79.8	79.8 83.5		79.9 80.6			60.1 80.7	80.2	
2 1500] 2 1200	69.0			79.8 81.2	83.5	82.3	85.1	85.6	85.7	85.8			85.8	83.9 86.1		
2 1000 2 900 2 800	68.7	79.3	81.4	83.6	86.6	87.4	89.1	89.8		90.4				91.0	91.1	91.1
≥ 700 ≥ 600	69.2 69.5	79.9 80.5 81.4	82.7	84.4 85.0	98.2	89.1	90.0 90.9 92.3	91.6	91.0 91.9	92.4	- 1	91.8 92.8 94.4	93.1	92.2 93.1 94.7	93.2	93.2
> 500 ≥ 400	69.7	82.4	84.5		91.0	92.0	93.8			95.6	96.1		96.4	96.5	96.6	96.6
306 ± 200	69.7	82.5	85.3	98 • 2 88 • 2	92.4	93.5	95.5	96.5	97.3		98.3	98.4	98.9	99.0	99.2	99.2
- x	69.7 69.7	82.5		88.2	:	93.5 93.5		96.6 96.6	97.1 97.1	97.8 97.8				99.5		

TOTAL NUMBER OF OBSERVATIONS....

744

USAF ETAC 1000 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

7 2650 ETELSON AFB AK

- Aba

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEIDNO							VIS	BILITY STA	NTUTE MILI	ES						
FEE"	≥10	≥6	≥ 5	≥ 4	≥3	≥2:	≥ 2	≥::	≥1.	ا≀≤	≥ .	≥ '•	≥ ;	≥ 5 16	≥.	≥0
NO CEILING 3 20000	39.6 40.1	44.4	45.7	45.6				48 - 3 50 - 1	48.3 50.1						48.6 50.3	
≥ 18006 ≥ 5006	42.3 42.6	49.5			52.7					53.3 53.6					53.7 53.9	
≥ 14000 2 120°C	43.6 44.8	50.6 51.9	51.8 53.1		53.9 55.2	54.2		54.4		54.6 55.9	54.6	54.6	54.8	54.9	54.9 56.2	55.0
\$ 4000 \$ 10000	48.2		57.6 59.2		;	60.1	60.2	6D.3	60.3	60.4	60.4	67.4	60.7	63.8	63.9	60.7
3 8000 2 7000	56.⊈		63.6 66.6	64.4	65.8	66.1	66.2	66.3	66.3	66.4	66.4	66.4	66.7	66.8	66.8	66.9
≥ 6000 ≥ 5000	57.4 59.1	67.3			+ -										72.0 74.1	
> 4500 ± 4900	50.6	70.6		73.2 74.8	74.9 75.4		,								75.9 77.4	
2 1500 2 1000	53.2		79.1	80.6			83.3	83.4	83.4	83.6	83.6	83.6	83.8	83.9	79.7 83.9	2.0
2500			81.8	84.0	87.3	87.8	88.4	88.6	88.6	88.7	88.7	88.7	88.9	89.0	86.8 89.0	89.1
2 1500			83.0	85.4		89.5	91.0		91.1	91.2	91.2	91.2	91.4	91.6	91.5	91.7
2 1200	65.8 66.7	80.7	84.3	86.9		91.9	93.3	93.6	93.6	93.9	93.9	93.9	94.2	94.3	93.1	94.4
> 900	66.1	81.6	84.8	87.3		93.1	94.6	94.8	94.8	95.1	95.2	95.2	95.6	95.7	95.7	95.8
≥ 700 ≥ 600	66.1	81.8	84.8 85.1	87.7		93.2 94.0	95.8	96.2	96.2	96.6	96.8	96.8	97.1	97.2	96.1 97.2	97.3
≥ 500 ≥ 400 ≥ 306	66.1	82.0	85.3	87.9	- 1	94.6	96.6	97.1	97.2	97.6	97.8	97.8	98.4	98.6	98.7 98.7	99.0
2 200	66.1	82.0 82.0	65.3	87.9	94.3	95 . D	97.1	97.7	97.8	98.1	98.4	98.4	99.2	99.3	99.4	99.8
	66.1	82.3													99.7	

USAF ETAC (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEIUNG							VIS	BILITY ST	ATUTE MILE	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2 ;	≥ 2	≥١;	≥1.	≥1	≥ ≒•	\$ '•	≥ ,	≥5 16	2.	≥c
NO CEUNG ≥ 20000	38 • 1 39 • 6	41.9	42.9		44.1	44.2	44.7	44.9	44.9	45.0	45.D	45.0 46.9				45.3
≥ 18000 ≥ 18000	41.3	46.0 46.8	47.0	. ,	48.2 49.0	46.3	48.8	49.0 49.8	49.0	49.1	49.1	49.1	49.2 50.0		49.6 50.3	49.7 50.4
≥ 14000 ≥ 12000	42.9	47.6 49.1	48.5 50.3	49 • 0 50 • 8	49.B 51.6	49.9 51.7	50.3 52.1	50 · 6	50.6 52.3	50.7 52.4	50.7 52.4	50.7 52.4	50.8 52.7	51.0 52.9	51.1 53.0	51.2° 53.1
≥ 10000 ≥ 9000	47.2	53.4 54.9	54.7 56.1	55.2 56.7	56.1 57.6	56 • 2 57 • 7	56.7 58.1	56.9 58.3	56.9 58.3	57.0 58.4	57.0 58.4	57.0 58.4	57.2 58.7	57.4 58.9	57.6 59.0	57.7 59.1
≥ 8000 ≥ 7000	52.4 55.2	59.9 63.6	61.1		62.7 66.3	62.8 66.4	63.2 66.9	63.4 67.1	63.4	63.6 67.2	63.6 67.2	63.6 67.2	63.8	54 - 1 57 - 8	64 • 2 67 • 9	64.3 68.5
≥ 6000 ≥ 5000	58.2 59.6	66.5 68.9	67.8	68.7 71.2	69.7 72.2	69.8 72.3	70.2 72.8	70.4 73.0	70.4 73.0	70.6 73.1	70.6 73.1	70.6	70.8 73.3	71 • 1 73 • 7	71.2 73.8	71.3 73.9
≥ 4500 ≥ 4000	60.6 61.4	70.6	72.1	i	74.7 76.4	74.8 76.6	75.2 71.0		75.4 77.2	75.6 77.3	75.6 77.3	75.6			76.2 78.2	76.3 78.1
2 3500 2 8000	62.6 64.2	73.8 75.6	75.7 78.0	_ (78.6 81.6	79.0 82.0	79.2 82.2	79.2 82.2	79.3 82.3	79.3 82.3	79.3 82.3	79.6 82.6	79.9 82.9		80.1 83.1
2 2500 2 2000	55.1 55.4	77.5	79.4	81 • 1 82 • 3		83.8 85.8	84.3 86.7	84.6 85.9	84.6	84.7 87.0	84.7	84.7 87.0		85.2 87.6	85.3 87.7	85.4
800 3 500	65.6		80.6	82 • 6 84 • 6		86.3 89.2		97.7 90.7	87.7 90.7	87.8 90.8	87.8 90.8	57.8 90.8			88.4 91.4	88.6 91.6
2 000 2 000	66.6 66.7	8C.1	83.4 83.8	1		90.7 91.7	91.8 92.9		92.2	92.3 93.8	92.3 93.8	92.3 93.8		92.9		
99%: 99%: 1 2 800:	66.7 66.7	85.3 8J.3	83.9			92.0 92.4	93.3 93.8	1	93.9	94.3 94.8	94.3 95.0		i			!
2 700 2 600	66.7	80.3	83.9 83.9		91.6 _92.1	92.4 93.0	93.8 94.3		94.3	94.8 95.3	95.1 95.8	95.1 95.8	95.3 96.0		95.8	95.9 96.6
.: 500 : 400	66.7 66.7	80.8	84.6	1 1	92.8 93.3	93.7	95.0 95.6	-	95.9 96.4	96.3	97.0 97.8		97.2 98.0		97.7 98.4	97.8 98.7
± 300 ± 200	66.1 56.7	80.8	84.6	! ` `	93.8 93.8		96.0	96.6 96.8	96.9 97.1	97.3 97.6	98.3 98.7	98.3 98.7			99.2 99.5	99.4 130.0
100	66.7	8 D . 8	84.6		93.8		96 - 1 96 - 1	96.8 96.8	97.1 97.1	97.6 97.6	98.7 98.7	98.7 98.7	99.0 99.0	<u>.</u> i		100.0

USAF ETAC COM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OF

USAFETAC AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING						·	٧١\$	BILITY ST	ATUTE MIL	E S						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2;	2.2	: 1≤	≥11.	≥1	≥ •	≥ `•	≥ :	25 16	≥.	≥c
NO CEILING ≥ 20000	33.6 36.2	36.6 39.2		-		39.C 41.7	-	39.4 92.1	39.E			39.6 42.2			39.7 42.3	
≥ 18000 ≥ 16000	38.9 39.1	41.9			44.2 44.4	44.3	44.6		44.9 45.1	44.9 45.1	44.9 45.1	44.9	44.9			45.0 95.2
≥ 14000 ≥ 12000	41.3	44.0		45.3 47.8	48.9	46.6					47.1	47.1				47.2
≥ 10000	47.7	51.8 53.1	53.7				56.0		56.3	56.3	55.1 56.4	56.4	56.4	56.6	56.6	
≥ 8000 ≥ 7000	54.7 57.7	59.6 63.3	64.3	61.0 64.8	66.1	66.2	66.4	62 · 8 66 · 7	66.8	66.8	63.0 66.9	66.9	66.9	67.0	63.1 67.0	67.C
2 6000 2 5000	59.6	65.9	70.1	71.4	72.9	73.0	73.2	73.4	73.6	73.6	69.8 73.7	73.7	73.7	73.9		73.8
≥ 4500 2 4000	64.2	70.9	73.2	74.7	75.1 76.6	75.2	77.3	75.8 77.7	77.8	77.8	76.0	76.0	77.9	76.1 78.0	78.C	78.0
2 3500 2 3300	65.3	73.7 75.8	77.3	78.8	81.1	78.7	81.9	82.2	82.3	82.3	82.4	82.6	82.6	79.6 82.7	82.7	82.7
2 2500	67.9 67.9	77.7	80.2	80.8	85.6	84.1	86.6		87.0		84.9	87.2	87.2	87.3	85.1	87.3
≥ 1500 ≥ 1500 ≥ 1200	69.3	77.7	82.7	82.1 84.8 85.3			90.8		91.2	91.3	87.7 91.4 92.3	91.6	91.6	91.7	87.9 91.7 92.6	91.7
2 1000	69.7	80.7 80.7	83.7 83.9	85.8 86.D	91.1	92.2	92.8	93.2	93.3		93.7	93.9	93.9	94.0	94.0	94.0
≥ 900 ≥ 800 ≥ 700	69.7	80.8	84.0	86.2	92.0			94.7	94.8	94.9	95.1 95.4	95.3	95.3	95.4	: 1	95.4
≥ 500	69.8	83.9	84.1	86.3	92.4	93.6					96.0	96.2	96.2	96.3	96.3	
2 300	69.8	81.1	84.6	86.9	93.2	94.6	95.7	96.8	97.0		97.9	98.2	98.2	98.3	98.7	98.7
200	69.8	81.1	84.6	87.2	93.6	94.9	96.1	97.3	97.6	97.8	98.7	99.0	99.0	99.2	99.9	
2 3	69.8	81.1	84.6	87.2	93.6	- 1	96.1	97.3	97.6	97.8	98.7	99.0	99.0	99.2	99.9	00.0

USAF ETAC 200 0-14-5 (OL A) MEVIOUS ED

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		-					VIS	IBILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥ 1:	≥1.	ا ج	≥ ~4	≥ '•	2 :	≥5 16	2 .	≥0
NO CEILING ≥ 20000	32.1 34.9	34.3 36.9	34.3 37.2	34 • 7 37 • 6	35.4 38.3	35.4 36.3	36.0 38.9	36.D 38.9	36.2 39.1	36 · 3	36.4 39.3	36.4	36 • 7 39 • 6	36.7 39.6	36.7 39.6	36.7 39.6
≥ 18000 ≥ :6000	36.0 39.0	40.0	40.3	40.7 41.7	41.4	41.4	42.0 43.0	42.0	42.2	42.3	42.4 43.4	42.4	42.7 43.7	42.7	42.7	42.7
≥ 14000 ≥ 12000	41.3	43.3 46.1	43.7 46.4	44.0	44.8 47.7	44.8	45.3 48.2	45.3 48.2	45.6	45.7	45.8 48.7	45.8 48.7	46.0 48.9	46.0 48.9	46.0	46.0
≥ 10000 ≥ 9000	48.8 51.6	51.2 54.0	51.9 54.6	52 • 2 55 • 0	53.0 55.8	53.0 55.8		53.6 56.3	53.P	53.9 56.7	54.0 56.8	54.0 56.8	54.2 57.0	54.2 57.0	54.2 57.0	54.2 57.0
≥ 8000 ≥ 7000	56.6 59.7	59.4 62.8		60.7 64.2	61.4 65.0	61.4 65.0	62.0 65.6	62.0 65.7	62.2	62.3 66.0	62.4 66.1	62.4	62.7	62.7 66.3	62.7 66.3	62.7 66.3
≥ 6000 ≥ 5000	62.7 65.0	65.9 69.0	66.9 70.2	67.4 71.0	68.3 72.1	68.3 72.2	69.1 73.0	69 • 2 73 • 2	69.4 73.4	69.7 73.7	69.8 73.8	69.8 73.8	70.0	70.0	70.0	
≥ 4500 ≥ 4000	66.2	70.4	72.0 73.3	72.9 74.2	74.4	74.7 76.6	75.6 77.4	75 - 8 77 - 8	76.0 78.0	76.2 78.2	76.3 78.3	76.3 78.3	76.6 78.6	76.6 78.6	76.5 78.5	76.6 78.6
2 3500 2 3000	68.2 69.2	72.5	74.3 76.1	75.2 77.2	77.4 80.1	77.7 80.7	78.6 81.7	78.9 82.1	79.1 82.3	79.3 82.6	79.4 82.7	79.4 82.7	79.7 82.9	79.7 82.9	79.7 82.9	79.7 82.9
≥ 2500 ≥ 2000	69.7 70.2	74.8	76.8 77.8	78.1 79.3	81.3 83.1	82.1	83.3 85.3	84.0 86.2	84.2	84.4 86.8	84.6	84.6 87.0	84.9 67.3	84.9 87.3	84.9	84.9 87.3
2 1500 2 1500	70 • 3 70 • 3	75.8	78.1 79.3	79.6 81.1	83.6 85.0	84.3	85 • 8 87 • 7	86.7 89.0	86.9	87.2 89.9	87.3 90.2	90.3	87.8 90.9	87.8 95.9	97.9	87.8
≥ ±206 ≥ 1000	70.9 71.0	77.3	80.7 81.0	82.8 83.4	87.0	87.9 88.7	89.7 90.6	91.0 92.3	92.7	91.9 93.7	92.4	92.6 95.2	93.1 95.8	93.1 95.8	93.1 95.8	93.1 95.8
≥ 800 ≥ 800	71.1	77.9		83.8	88.0	88.9			93.0		95.1 95.6	95.4 95.9	96.3 96.6	96.0 96.6	96.6	96.B
≥ 700 ≥ 600	71.4	78.2 78.7	82.0	84 • 1 84 • 7	88.	89.3 90.0	92.0	93.8	94.1	95.3	96.3 97.1	97.4	98.2	98.2		
≥ 500 ≥ 400	71.6 71.6	78.6	82.4	84.8	89.8	90.1 90.7		93.9	94.8	95.4	97.3	97.7	98.4 99.D	98.4 99.D		98.4
± 300 ≥ 200	71.8	79.0	82.4	85.1 85.1	89.8	90.7 90.7		94.6	29.9	96.1 96.1	98.1	98.4	99.5	99.5	100.0	99.7
≥ 100 ≥ 0	71.8	79.0 79.0		85.1 85.1	89.8	90.7	92.7 92.7	94.6	94.9	96.1 96.1	98.2 98.2	98.6	99.6	99.6	100.0	100.0

CEILING VERSUS VISIBILITY

7 1650 EIELSON AFB AK

73-82

No.Y

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1558-1400

CEILING							VIS	BILITY ST	ATUTE MILI	ES						
FEET	≥10	2.6	≥ 5	≥4	≥3	≥2:	≥ 2	≥1;	≥1.	≥1	≥ .•	≥ `•	≥ ;	≥ 5 16	2.	≥c
NO CEILING ≥ 20000	33.6 36.6	35.0 38.0				36 • 2 39 • 2	36.2 39.2	36.3 39.3	36.3 39.3	36.3 39.3	36.3 39.3	36.3 39.3	36.3	36 • 3 39 • 3	36.3 39.3	36.3 39.3
≥ 18000 ≥ 16000	38 • 8 39 • 2	41.0	1	41.2 41.8		41.9	41.9	42.0	42.0 42.7	42.0 42.7	42.0 42.7	42.0			42.0 42.7	42.0
≥ 14000 ≥ 12000	42.3	44.6	1	45.4	46.2	46.2	46.2	46.3	46.3	46.3 49.8	46.3	46.3	46.3	46.3	46.3	46.3 49.8
≥ 10000 ≥ 9000	50.2 52.9	52.4 55.1	53.1 55.8	53.3 56.0	1	54.1 56.8	54 • 1 56 • 8	54.2 56.9	54.2 56.9	54.2 56.9	54.2 56.9	54.2 56.9			54.2 56.9	54.2 56.9
≥ 8000 ≥ 7000	59.0 62.6	62.0 66.1	62.7 66.9	62.9 67.1		63.8 68.1	63.8 68.1	63.9 68.2	63.9 68.2	63.9 68.2	63.9 68.3	63.9 68.3	63.9 68.6	63.9 68.6	63.9 68.6	63.9 68.6
≥ 6000 ≥ 5000	64.7 66.7	68.8	69.6 72.1	69.8 72.4	71.1 74.2	71 • 1 74 • 4	71 - 1 74 - 4	71.2 74.5	71.2 74.6	71.2 74.6	71.3 74.7	71.3 74.7	71.6 74.9	71.6 74.9	71.6	71.6 74.9
≥ 4500 ≥ 4000	68.0 69.2	73.4 74.9		74.9	76.7 78.4	76.9 78.7	77.0 78.8	77.2 79.0	77.2 79.0	77.2 79.0	77.3 79.1	77.3 79.1	77.6	77.6 79.3	77.6	77.6 79.3
≥ 3500 ≥ 3000	70.1 71.0	76.0	78.9	77.8	80 • 1 82 • 2	80.4	80.6 82.7	80.8 83.0	80 · 8	83.8 83.1	80.9 83.2	80.9 83.2	81.1 83.4	81.1 83.4	81.1 83.4	81.1
≥ 2500 ≥ 2000	71.6 72.0		79.8 80.4	82.2	83.7 85.2	84.1 85.7	84.6	84.9 86.7	85.0 86.8	85.2 87.1	85.3	85.3 87.3	87.6	87.6	87.6	85.6 87.6
≥ 1800 ≥ 1500	72.0 72.3	78.8	81.2	83.3	85.3 87.2	85.8 87.8	86.2 88.6	86.9 89.7	87.0	87.3 90.7	87.6 91.0		91.2	87.8 91.2	87.8 91.2	91.2
≥ 1206 ≥ 1000	72.3 72.4	83.1	82.6	84.3		88.9			92.8	92.4	92.9 95.0		95.9	96.1	93.1 96.1	93.1 96.1
≥ 900 ≥ 800	72.4	80.8	82.9	85.2	89.4	89.9 90.0	91.2 91.3		93.0 93.1	94.4	95.2 95.6	95.6	96.4	96.3 96.7	96.7	96.3
≥ 700 ≥ 600	72.4	80.9	83.6	85.4	90.2	90.2 90.8	91.6 92.1	93.7	93.4	95.1 95.7	96.1 96.7	96.4		97.3 98.0	98.0	97.3 98.0
± 500 2 400	72.7	81.9		86.7		90.9	92.9		94.2	95.9	96.9	97.3	99.1	98.7	98.7	98.7
≥ 300 ≥ 200	72.7 72.7	81.9	84.2	86.7 86.7	90.9 90.9	91.4 91.4	93.0 93.0	94.8	95.1 95.2 95.2	96.8 97.0	97.8 98.0	98.2 98.4	99.2		99.6 100.0	
> 100 2 0	72.7	81.9	84.2	86.7	90.9	91.4	93.0		95.2	97.0		98.4	99.6		100.0	

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS SOTTIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1528-1730</u>

CEILING							VIS	BILITY ST	ATUTE MIL	E S						
. FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2 ;	≥ 2	≥1′;	≥1'4	≥1	≥ :₄	≥ >•	₹ \$	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	31.3 33.6	33.3 35.8	33.9 36.3	34.2 36.7		34.3 36.6		34.8	34.8	34.9	34.9 37.6	34.9 37.6	1	1	/	35.0 37.7
≥ 18000 ≥ 16000	36.7 36.7	39.2 39.2	39.2	40.1	40.3 40.3	40.3			40.9	41.0 41.2	41.1 41.3	41.1	41.2	41.2	41.2	41.2
≥ 14000 ≥ 12000	39.6 43.8	46.8	42.9 97.9	47.8	48.	43.6	48.4	48.6	48.8	48.9	44.4	49.0	49.1	44.6	49.1	44.6
≥ 10000 ≥ 9000	47.9 50.0	53.6	54.3	54.8	52.9 50	53.0 55.1	35. 9	55.8	53.7 55.8	55.9	53.9 56.0	5 3 • 9 5 6 • D	56.1	56.1	56.1	56.1
≥ 8000 ≥ 7000	54.9 58.9	64.3	65.3	65.9	66.1	6) .6	66.8	67.1	62.3	67.2	62.6	67.3	67.6	62.7	67.6	62.7
≥ 6000 ≥ 5000 ≥ 4500	60.9 63.7	66.3 69.7	72.0	68 • 1 71 • 8 73 • 9	68.6 72.6 74.8	68.7 72.7 74.9	69.2 73.2 75.6	69.6 73.6 75.9	69.6 73.6 75.9	69.7 73.7 76.0	69.8 73.8 76.1	69.8 73.8 76.1	70.0 79.0 76.3	74.0	79.0	79.0
2 4000 2 3500	65.0 66.2	73.0	74.8	75.9	74.8 76.9 78.8	77.0 78.9	27.7	78.D 79.9	78.0	78.1	78.2 80.1	76-1 78-2 80-1	78.4	78.4	78.4	78.4
≥ 3000	69.4	77.3	79.2	8C.9	82.0	82.2	82.9	83.3	83.3 85.0	85.1	83.6	83.6	83.A	83.8	83.8	85.4
2 1800	70.2 70.6	78.6	80.9	82.9	84.2	85.2	85.9	86.8	87.2	87.3	87.4	87.4	87.7	87.7	88.8	87.7
≥ 1500	70.8 71.2	79.4	81.8	84.2	86.2 87.2	87.6	88.8	89.8 91.6	90.2	90.4	90.7 92.8	90.7 92.8	93.1	91.0 93.1	7.00	91.D 93.1
≥ 1000	71.3 71.3	80.8		84.7	88.9	90.1 90.8	91.7	93.0 93.8		93.8	94.8 95.7	94.9		95.2 96.1	95.2 96.1	95.2 96.1
2 800 2 700 2 600	71.4	81.0	83.6	1		91.3	92.9		1	95.1 95.2	96.4	96.6	1	96.9		1 7 7 1
≥ 500 ≥ 400	71.9	81.6	84.3	86.7	90.6 90.6		93.8	95.1 95.9 96.7	,	96.9 96.9	97.3 98.1	98.3	97.8 98.8	97.8 98.8	97.8 98.3	1 1
2 300 2 200	72.0		84.7	87.0 87.0	91.3	93.3 93.5	95.3 95.3	96.7	97.2	97.7	98.9	99.1	99.6	99.6	99.5	99.6 99.6
2 100 2 0	72.0	81.8 81.8	84.7	87.0 87.0	91.4	93.6		-/	21.83	97.9	99.2		99.9			100.0

TAL NUMBER OF DESERVATIONS 90

USAF ETAC TOTAL 0-14-5 (OL A) PREVIOUS SOFTING FORM ARE GREGIETE

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

- ACA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1398-5990</u>

CEILING							VI5	IBILITY STA	ATUTE MIL	ES				•]
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥U;	≥1.	≥1	≥ .	٤.	≥ ;	≥5 16	≥.	≥0
NO CEILING ≥ 20000	33.a 35.3	38.9 40.8	39.4 41.3	39.7 41.6		40.8		41.2 43.1	41.2 43.1	41.3 43.2	41.8	41.8 43.7	41.8 43.7			
≥ 18000 ≥ 6000	37.9 38.1	44.0	44.7	44.9 45.1	46.D	46.2	46.3	46.4	46.4	46.6	47.0 47.2	47.0	47.0 47.2			47.0
≥ 14000 ≥ 12000	39.2 41.3	45.9	46.6	46.8	47.9 49.8	47.9	48.2 50.1	48.3 50.2	48.3	48.4	48.9 50.8	48.9 50.8	48.9 53.8	48.9 50.8		48.9 50.8
≥ 9000	44.9 47.0	52.0 54.6	52.7 55.2	52.9 55.4	54.0 56.6	54 • D 56 • 6	54.3 56.9	54.4 57.0	57.0	54.6 57.1	55.0 57.6	55.0 57.6	55.0 57.6	55.0 57.6	55.0 57.6	55.0 57.6
≥ 8000 ≥ 7000	51.1 5 5.4	60.2	60.9	61.1 65.9	62.2 67.0	62.2 67.0	62.6	62.7 67.7	67.7	62.8 67.8	63•2 68•2	63.2	63.2 68.2	63.2 68.2	63.2 68.2	63.2 68.2
≥ 6000 ≥ 5000	57.0 59.4	66.7 69.8	67.4 70.6	67.8 70.9	69.0 72.2	69.0 72.2	69.6 72.8	69.7 72.9	69.7 72.9	69.8 73.0	70.2 73.4	70.2	70.2 73.4	70.2 73.4	70.2 73.4	70.2
≥ 4500 ≥ 4000	62.0	71.1	71.9 73.8	72.2	73.6 75.6	73.6 75.6	74.1 76.1	74.2 76.2	74.2 76.2	74.3 76.3	74.8 76.8	74.8 76.8	74.8 76.8	74.8 76.8		76.8
2 3500 2 3000	63.9 65.1	75.7	76.5	77 • 3 79 • 4	78.7 80.8	78.7 80.8	79.2 82.0	79.3 52.1	79.3 82.1	79.4 82.2	79.9 82.7	82.7	79.9 82.7	79.9 82.7	82.7	
≥ 2500 ≥ 2000	65.9 66.1	78.4 79.1	79.8 80.7	81.1 82.1	83.1	84.3	84.4	84.7	84.7	86.6	85.2 87.0	85.2 87.0	85.2 87.0	85.2 87.0		87.0
2 1800 2 1500	66.3	79.3 80.6	80.9	82.3 83.8		84.8	86.6	86.8	87.0	87.1 89.9	87.6 90.6	87.6 90.6				87.6 90.6
≥ 1200	67.4	81.6	83.2	84.6	87.9 88.9	88.0	90.8			93.3	92.0	94.0		94.0		94.0
≥ 900 ≤ 800	67.6	81.7	84.0	85.3 85.8		90.4		93.9	94.2		95.1 95.8	95.8	95.8	95.1 95.8	95.8	95.8
≥ 700 ≥ 600	68.0	82.8	85.0	86.2 87.0	91.8		94.9	96.2	96.7	97.1	96.7		96.7	96.7	97.9	97.9
≥ 500 ≥ 400	68.0	82.8	85.2	87.0 87.2	92.8	92.7	96.0 97.1	96.7 97.8 97.9	98.2	97.6 98.7	98.4	98.4	98.4	98.4	98.4	
≥ 300 ≥ 200	68.0 68.0	82.9	85.2	87.2 97.2	92.8	93.8	97.2	98.0	98.4	98.8 98.9	99.7	99.7	99.9		99.7	00.0
≥ 100	68.0 68.0	82.9	85.2 85.2		92.8 92.8		97.2 97.2			98.9	99.9	99.9	99.9		100.0	

OTAL NUMBER OF OBSERVATIONS _________

USAF ETAC TOTAL 0-14-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE CRECIET

CEILING VERSUS VISIBILITY

7' 2650 LIELSON AFB AK

73-82

- WHO'A

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2103-2300

CEILING							VIS	BILITY ST.	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ ?	≥1:	≥1.	≥1	≥ -	≥ `•	≥ :	≥ 5 16	٤.	≥0
NO CEILING	36.6 37.6	41.6	42.3 43.6	42.6 43.8		44.1	44.2		44.8	44.9	45.0 46.2	45.D	_		45.1	45.2
≥ 18000 ≥ 16000	39.7 40.0	45.6	46.4	46.7 47.0	48.2	48.2	48.3 48.7	48.9	48.9 49.2	49.D	49-1	49.1	49.1	49.1	49.2	49.3
≥ 14000 2 12006	41.1 42.3	47.3	48.2	48.4 50.0		50.0 51.6	50.1 51.7	50.7 52.2	50.7 52.2	50.8 52.3	50.9 52.4	50.9 52.4	50.9	50.9 52.4	51.0 52.6	51 • 1 52 • 7
≥ 10000 ≥ 9000	45.6	53.2 55.0		54.3 56.1	55.9 57.7	55.9 57.7	56.1 57.9	56.7 58.4	56.7 58.4	56 - 8 58 - 6	56.9 58.7	56.9 58.7	56.9 58.7	56.9 58.7	57.0 58.8	57.1 58.9
≥ 8000 ≥ 7000	51.7 54.9	61.0 64.9	65.9	62.1 66.1	63.7 67.7	63.7 67.7	63.9 67.9	68.4	64.4	64.6 68.6	64.7 68.7	64.7 68.7	69.7 68.7	64.7 68.7	64.8 68.8	68.9
≥ 6000 ≥ 5000	55.9 58.4	66.4	67.6 70.8	67.9 71.1	72.8	69.4 73.0	69.7 73.2	70.2 73.8	73.B	73.9	74.0	70.4	70.4	74.0	74.1	70 - 7 74 - 2
2 4500 2 4000	59.2 60.1	70.6 72.1	73.6	72.6	75.9	76.1	74.7 76.3	75.2	76.9	77.0	75.4 77.1	75.4	75.4 77.1	77.1	77.2	
2 3500 2 3000	62.4 62.4	74.7	76.1 78.4	76.7		78.7	78.9 82.2	82.8	79.4 82.8	79.6	83.0	79.7 83.0		79.7 83.0	83.1	79.9 B3.2
2 2500 2000 2 800	62.9	78 • 1 78 • 9	80.6	62.3	84.3	84.7	85.7 87.1	86.2	87.7	86.3	86.4	87.9	86.4	86.4	88.3	
≥ 1500 ≥ 1200	63.7	78.4 79.9 80.9	81.0 82.4 83.4	82.3 84.0 85.1		85.9 88.1 89.2	89.7	90.2	90.2	90.3 91.6	90.6 91.8	90.6	93.6	90.6		90.8
≥ 1000	64.1	81.2	83.6	85.2	88.9	89.4	91.6	92.2	92.2	92.4	92.7		92.7	92.7	92.8	92.9
≥ 800	64.4	81.7	84.0	85.8	90.1	91.0	93.1	93.6	93.9	94.1	94.3	24.3	99.3	99.3	94.4	94.6
≥ 600	64.4	82.2	85.3	87.0 87.2	91.6	92.4	94.8	95.9	96.0	96.2	96.4	96.9 97.1	96.4	96.4	96.6	96.7
≥ 400	64.4	82.2	85.4	87.2 87.2	92.5		96.2	97.6	97.7	97.9	98.2	98.2	98.8	98.2	98.6	98.7 99.2
≥ 100	64.4	82.2	85.4	87.2	92.7	93.7	96.3	97.9	98.D	98.3	98.8	98.8	99.2	99.2	99.6	99.8
≥ 0	64.4	82.3	85.6	87.3	92.8		96.4	98.0	98.1	98.4	98.9	98.9	99.3	99.3	i .	200.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOURT

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IS

CÉILING							VIS	ABILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2 7	≥ ?	≥1 ;	≥1.4	≥1	At Sa	≥`₃	≥ ;	≥5 16	≥ •	≥c
NC (EILING ≥ 20000	34 • 7 36 • 7					40.3	40.5 42.8			40.8 43.1	40.9 43.2	4 g. 9 4 3. 2	41.0 43.3	41.0 43.3	41.0	41.1 43.3
≥ 18000 ≥ 16000	39.2 39.6		1	44.4		45.4	45.7		45.9 86.4	46.0	46.1 46.6	46.1	46.2	46.3	46.8	46.3
≥ 14000 ≥ 12000	41.4	, , , , ,	46.4		1	47.9 50.4	46.2 50.6		48.4 50.9	48.5 51.0	48.6 51.1	48.6	48.7	48.7 51.2	48.8 51.3	48.8 51.3
≥ 10000 ≥ 9000	47.5		53.6 55.6		1 1 1 7	55.1 57.1	55.4 57.4			55.7 57.8	55.8 57.9	55.8 57.9				56.0 58.1
≥ 8000 ≥ 7000	54.2 57.5		61.4	61.9	b: 9	63.0		,	,			63.7	63.8	63.9 68.0	63.9	64.D
≥ 6000 ≥ 5000	59.5 61.7		67.7	68.3 71.4		69.6	70.0 73.3		70.2 73.6	70.3 73.7	70.4 73.8	70.4	70.6 73.9	70.7 74.0		
≥ 4500 ≥ 4000	62.9		72.5	73.3 74.9	74.8 76.6	75.5 76.8	75.4 77.2	75.6 77.5	75.7 77.5	75.8 77.6	75.9 77.7	75.9 77.7	76.0 77.9	76.1 77.9	l	
2 3500 2 3000	65.1 66.4	74.3 76.3	75.8 78.2		78.6 81.4	78.8 81.7	79.2 82.3	79.5 82.7	79.5 82.7	79.6 82.8	79.8 82.9	79.8 82.9	79.9 83.1	80.D 83.2	80.0	80.D
≥ 2500 • 2000	67.1 67.5	77.4 78.3	79.5 80.4			84.D 85.6	84.7			85.2 87.3	85.3 87.4	85.4 87.4	85.5 87.6	85.6 87.7	85.6 87.7	85.7 87.7
2 1900 - 2 1500	67.6	78.3 79.3	80.6	1		86.1	87.1 89.5	87.6 98.1	87.7 90.3	87.8 90.6	88.D 90.8	88.D 90.8	88.2 91.0	88.2 91.1	88.3 91.1	88.3 91.2
≥ 1200 ≥ 1000	68.5	80.1	82.8 83.1	84.8		89.5 90.4	90.9 92.1	91.6 92.9		92.1 93.6	92.4 94.1	92.4	92.6	92.7		92 • 8 94 • 6
≥ 900 ≥ 800	68.6 68.7	80.6	83.4 83.5	85.6 85.8		91.0 91.4	92.6 93.1	93.5 94.0	i:	94.2	94.8 95.3	94.9		95.2 95.8	1	
≥ 700 ≥ 600	68.9	80.8	83.8	86.0 86.4	90.7 91.3	91.7 92.3	93.5 94.2		94.6	95.2 96.0	95.8 96.8	96.0	96.3 97.2	96.4 97.3	96.4	96.4 97.3
.: 500 ≥ 400	68.9 68.9	81.3	84.3	86.6	91.6 92.2			1	96.7	96.6	97.4 98.2	97.6 98.4	97.9 98.8	98.1 98.9	98.1 99.0	98.2 99.1
≥ 300 ≥ 200	68.9 68.9	81.5	84.6	86.9 87.0		93.4 93.5	95.4 95.5	96.6 96.7	96.9 97.1	97.5 97.7	98.5 98.7	98.7 98.9	99.1 99.4	99.2 99.5		99.5
≥ 100 ≥ 0	68.9	81.5 81.5	84.6	1	92.4 92.4	93.5 93.5			97.1 97.1	97.7 97.7	98.8 98.8	98.9	99.4	99.6	Į.	100.0

USAF FTAC 10 AA 0-14-5 (OL A) PREVIOUS PORTIONS OF THIS FORM AND ORDIGIT

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ករីបីវី-បែន១០

CEIUNG ,							viS	IBILITY STA	ATUTE MILI	ES				-		
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1;	≥1.	≥1	٤. ا	≥ `•	≥ -	≥ 5 16	≥ .	≥0
NO CEILING ≥ 20000	34.3 34.8	39.7	40.9	41.5	44.5	44.9	46.6	48.8 50.0	49.2 50.4	50.0 51.2	51.2 52.2	51.6 52.8		54.8i	55.1 56.2	55.3 56.5
≥ 18000	36.3 37.0	43.9	44.2 45.1	44.8 45.7	48.0	48.4	50.1 51.0	52.5 53.3	52.0 53.8	53.7	54.5 55.5	55.3	58.3 58.8	58.5	59.7	58.9
≥ 14000 ≥ 12000	39.3 40.1	45.5	46.7	47.3 49.4	50.4 52.5	50.9 52.9	52.6 54.6	54.9 57.0	55.4 57.4	56 • 1 58 • 2	57.1 59.1	57.7 59.8	67.4 62.5	61.0 63.0	61.2	61.4
≥ 10000 ≥ 9000	42.9	50.2 51.9	51.5 53.2	52.2 53.9	55.3 57.1	55.7 57.5	57.4 59.2	59.9 51.7	60.3 62.2	61.1 62.9	62.0	62.7	65.4 67.2	65.9 67.7	66.1	66.3 68.2
≥ 8000 ≥ 7000	48.2 51.4	56.3 50.2	57.7 61.6	58 • 4 62 • 4	61.6	62.0 66.0	63.8	66 • 2 7D • 2	66.7 70.6	67.4 71.4	68.4	69.0	71.7 75.7	72.3 76.2	72.5 76.5	72.7 76.7
≥ 5000 ≥ 5000	52.3 54.1	61.6	65.9	63.8	67.0	67.4	69 • 1 73 • 3	71 • 6 75 • 8	72.0 76.2	72.8	73.8 78.0	74.4	77.1 81.3	77.6 81.8	77.8 82.3	
≥ 4500 ≥ 4000	54.6	66.5	68.3	69.0 70.4	72.7	73.1 74.8	75.1 76.9	77.5 79.4	78.0	78.7	79.7 81.5	80.3	83.0	83.5 85.4	83.8	84.0 85.8
≥ 3500 ≥ 3000	56.3 56.8	69.0	71.2	72.0 73.9	76.2	76.8 78.9	78.8	81.3	81.7	82.5	83.4	84.1	85.8	87.3 89.6		87.7 90.0
≥ 2500 ≥ 2000	56.9 57.0	71.0	74.1	75 • 1 76 • 1	79.8	80.3	82.5	84.9	85.4	86.1	87.1	87.7	90.4	91.0	91.2	91.4
≥ 1800 ≥ 1500	57.1 57.2	71.6	75.1 75.5	76.2 76.7	81.2	81.7	84.5	87.D	87.4	88.2	89.1	89.8	92.5	93.0	93.2	93.4
≥ 1206 ≥ 1000	57.2 57.6	71.9	75.5	76.7 77.1	81.9	82.6	85.7	88.2	88.8	89.7	90.8	91.4	94.1	94.6	94.8	95.1 96.3
≥ 900 ≥ 800	57.7 57.7	72.5	76.1 76.1	77.3	82.6	83.4	86.8	89.7	90.3		92.4	93.0	95.7	96.2	96.5	96.7
≥ 700 ≥ 600	57.7 57.7	72.5	76.1 76.1	77.3	82.9 83.0	83.8	87.2	90.1	90.8	91.6	92.8	93.4	96.1	96.7 96.8	96.9	97.1
≥ 500 ≥ 400	57.8 58.0	72.7	76.3	77.5 77.7	83.2	84.1 84.3	87.7 88.0	90.6	91.3	92.5	93.7	94.3	97.1 97.3	97.6 97.8	98.J 93.2	98.2
≥ 300 ≥ 200	58.0 58.0	72.8	76.5 76.5	77.6 77.8	83.5	84.4	88.1	91.0	91.6		94.4	95.1 95.1	98.0	98.5 98.5	98.8	99.4
≥ 100 ≥ 0	58.0 58.0	72.8	76.5	77 • 6 77 • 8	83.5	84.4	88.1	91.0 91.0	91.6	93.1 93.1	94.4	95.1 95.1	98.0 98.0	98.5 98.5	99.2	130.0

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

7 2550 EIELSON AFB AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 6322-2522</u>

CEILING							VIS	BILITY STA	ATUTE MILI	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥17	≥1.	≥1	≥ -4	≥ `1	≥ ;	≥ 5 16	2.	≥0
NO CEILING ≥ 20000	32 · 8	39.8 41.0	41.1 42.5	41.8 43.2	44.C	44.7	46.7	49.0 50.6	49.5 51.1	50.1 51.7	51 · 6 53 · 2	51.9 53.5	53.7 55.3	54 • 1 55 • 7	54.3 55.9	54.7 56.3
≥ 18000 ≥ 16000	35.3 36.1	43.2	44.7 45.6	45.5	47.8 48.7	48.5	50.5 51.4	52.9 53.8	53.3	54.0 54.8	55.5 56.3	55.8 56.7	57.5 58.4	58.3 58.8	58.2 59.3	58.6 59.5
≥ 14000 ≥ 12000	36.9 38.3	44.9	46.5 48.1	47.2 48.8	49.6 51.2	50 • 3 51 • 9	52.3 53.9	54.6 56.2	55.1 56.7	55.7 57.3	57.2 58.8	57.5 59.1	59.2 60.9	61.3	59.9 61.5	60.3 61.9
≥ 10000 ≥ 9000	40.5	49.1 50.3	50.6	51.4 52.7	53.8	54.5 55.8	56.5 57.7	59.1 60.4	59.6 60.9	60.2	61.7	62.0	65.1	65.5	65.7	
≥ 8000 ≥ 7000	45.5	54.2	56.1 60.6	57.0 61.5	59.4	60.1	62.0 66.8	69.5	65.2	65.8 70.5	67.3 72.0	67.6 72.4	74.1	69.8 74.5	79.7	
≥ 6000 ≥ 5000 ≥ 4500	50.3 52.4 52.5	6G-1	62.0 66.3	62.9 67.0	65.5 69.7 70.8	70.4	68.2 72.4 73.7	70.9 75.1 76.3	71.3 75.5 76.8	71.9 76.1 77.4	73.4 77.5 78.9	73.8	75.5	75.9	60.3	76.6 80.8
≥ 4000 ≥ 4000 > 3500	53.4	64.8 66.3	67.1 68.6 70.5	68 - 1 69 - 6 72 - 3	72.4	71.6 73.2 76.3	75.3 78.4	78.0 81.1	78.4 81.5	79.2 82.4	76.9 80.8 83.9	79.2 81.1 84.2	82.8	81.4 83.2 86.3	81.6	83.9 87.0
≥ 3000 ≥ 2500	54.3	68.4	72.3	74.0 75.1	78.0 79.2	78.8 80.1	80.9	83.5	84.0	84.8	86.3	86.7 88.2	88.4	88.8 90.3	89.0	89.5 91.0
2 1800	54.7	70.3	74.2	76.1 76.1	80.6 80.6	81.5		86.7	87.2 87.2	58.2 88.2	89.7	90.0	91.7	92.2	92.4	92.8
≥ 1500	55.5	71.1	74.9	76.9	81.5	82.5		88.1	88.7	89.8	91.3	91.6	93.3		94.5	
≥ 1000 ≥ 900	55.6 55.7	71.5		77.4	82.5	83.9 84.C	86.8	89.7	90.5	91.4	93.0	93.3	95.1	95.5	95.7 95.9	96.1
≥ 800	55.7 55.9	71.6	75.5 75.6	77.4	82.5	84.C	86.8	89.9 90.1	90.5	91.6	93.2 93.5	93.5	95.3	95.7 96.0	95.9	96.3
≥ 600	56.0 56.0	72.0	75.9 75.9	77.8	83.D	84.5	87.6	91.2	91.9	92.5 93.1	94.7	94.4 95.1	96.1 96.8	96.6 97.2	96.8 97.4	97.2 97.8
≥ 400	56.1 56.1	72.2	76.3	78.Q	83.1 83.1	84.6	87.8	1	92.2	93.7	94.9	95.9	97.1 97.7	97.5	97.7	98.2
2 200	56.1	72.2	76.0	78.0	83.1	84.6	87.8	91.5	92.3	94.1	95.9	96.3	98.3	98.9	99.5	100.0
- 0	56.1	72.2	76.3	78.Q	83.1	84.6	87.8	91.5	92.3	94.1	95.9	96.3	98.3	98.9	99.5	100.0

AL MUMBER OF CONSERVATIONS 9

USAF ETAC 1.164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORBOSETS

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ាទី១៦-បទពេធ

CEILING							viS	IBILITY ST	ATUTE MILI	ES						1
FEET	≥ 10	≥6	≥ 5	≥ 4	≥ 3	≥2 ?	≥ 2	≥1';	≥1.	≥1	≥ 4	≥ ′•	≩ ;	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	32 • 5 33 • 4	38.5	39.9 11.7	40.8 42.6	43.1	43.4	44.5	47.2 49.0	47.6	48.4 50.2	49.8 51.6	50.4 52.3	52.9 54.7	53.4 55.3	53.7 55.5	54.2 56.0
≥ 18000 ≥ 16000	35.6 37.0	43.0	44.7	45.6	48.0	46.3	49.4 50.8	52.0 53.4	52.5 53.9	53.2 54.6	54.6 56.0	55.3 56.7	57.7 59.1	58.3 59.7	59.9	:
≥ 14000 ≥ 12000	37.2 38.3	44.6	46.3	47.2	49.6 50.6	49.9 51.0	51.0 52.0		54.1 55.2	54.8 55.9	56.2 57.3	56.9 58.0	59.4 60.4	59.9 61.0		63.6
≥ 10000	41.4	49.0 50.2	51.9	52.8	55.4	54.3 55.7		59.5	58.5 59.9	59.2 60.6	60.6 62.0	62.7	65.2	65.7	64.5	65.1 66.5
≥ 8000 ≥ 7000	45.9	54.1 58.9	55.9 60.8	61.6	64.6	59.7 64.9	60.8 66.0	68.7	69.1	69.9	66.0 71.3	71.9	69.1 74.4	69.7 74.9		70.4 75.7
≥ 6000 ≥ 5000	51.7 52.4	60.4	62.3 64.4	63 • Z		69.0	67.7	72 B	73.2	74.3	75.4	76.0	78.6	76.7 79.1	76.9	79.9
≥ 4500 ≥ 4000	53.3	64.2 65.5	66.2	67.4		70.9	72.0	76.8	77.2	78.0		80.0	82.6	83.1	81.3 83.3	83.9
≥ 3500 ≥ 3000 ≥ 2500	54.8 55.6	67.3	70.3 71.6		76.9	75.8 77.2		81.1	81.5	80.9 82.4	83.8	84.4	87.0	87.5	86.2 87.7	88.3
≥ 2000	56.2 56.2	69.6 70.3	73.1 74.1 74.4	75 • 2 76 • 5 76 • 8	76.7 80.4 80.8	79.0 80.8	83.3 82.3	84.9	83.4 85.5 85.9	84.3 86.3 86.8	8.7 - 7	86.3 88.4 88.8	88.9 91.0 91.4		89.7 91.7 92.2	92.3
≥ 1500	57.4	71.5	75.1 75.5	77.4	81.4	81.1 81.7 82.3	83.8 83.8	86.1	86.7 87.4	87.6 88.4	88.2 89.0 89.9		92.3 93.0	92.8	93.7	93.5
≥ 1000 ≥ 900	57.4	71.6	75.6 75.7	78.1 78.3	82.4 82.6	82.8	84.4	87.5	88.7	89.7	90.6 91.3	91.4	94.0	94.5	94.7	
≥ 800 ≥ 700	57.5	71.7	75.7	78.3	82.6	83.2	85.2	88.3	89.8	89.8 90.2	91.9	92.2	-	95.3	95.5	96.D
≥ 600	57.8 57.8	72.5	76.1 76.5	78.7	83.0	83.7	85.9	88.8	89.4 90.1	90.5	92.3	93.D	95.6	96.1	96.3	96.9
≥ 400	58.0		76.6 76.6	79.1	83.4 83.4	84.2	86.5	89.8 90.1	90.3	91.5 91.9	93.2 94.0	94.7	96.6	97.1	97.3	97.8
≥ 200	58.0	72.6		79.1	83.4	84.2	86.5	90.1	90.9	92.5		95.3 95.5	98.3 98.5	98.8	99.1	99.7
2 0	58.0	72.6	76.5	79.1	83.4	84.2	86.5	90.1	90.9	92.5	94.7	95.5	98.5	99.0	99.5	0.00

USAF ETAC 2004 0-14-5 (OL A) MEVIOUS ENTITIONS OF TH

CEILING VERSUS VISIBILITY

7:2650 EIELSON AFB AK

5-82

DEC.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ST	ATUTE MIL	ES						
FEET	≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≥1:	21.	≥;	≥ .	≥ ′•	≥ ;	≥5 16	≥.	≥ 0
NO CEILING ≥ 20000	27.1 30.3	29.9 33.2	,	31 • 4 34 • 8	33.4 35.9	34.0 37.4		36.0 39.5			38.9	39.2 42.7	41.7 45.2	43.3 46.8		45.7
≥ 18000 ≥ '6000	34.9 36.0	37.8 38.9		39.5 40.5		42.2 43.2	43.4	44.2	44.7 45.8		47.1 48.2	47.4	49.9 51.0		53.2 54.3	53.9 54.9
≥ 14000 ≥ 12000	36.6 38.8	39.5 41.7	40.3 42.6		43.2 45.5	43.8 46.5	45.1 47.3	45.8 48.1	46.3	47.0 49.2	48.7 51.0	49.0 51.4	51.5 53.9		54.8 57.5	55.5 58.2
≥ 10000 ≥ 9000	43.0	48.5		50.5	52.8		54.6	52.9 55.4				56.2 58.7	58.7 61.2			63.D 65.5
≥ 8000 ≥ 7000	50.1 55.8	54.4 60.5	61.9	62.8		59.5 65.6		61.6 67.7	68.3	69.0	70.8	71.2	73.8	75.4	77.6	71.8 78.3
≥ 6000 ≥ 5000	56.2 56.4			66.5			73.5	68.5 71.4	71.9	72.8	71.6	74.9		79.4	81.5	79.1 82.3
≥ 4500 ≥ 4000 ≥ 3500	60.2 60.5				70.5 72.2			74.9		76.3	76.3 78.1	76.8 78.5	81.3	81.2 82.9	85.2	85.6
2 3000	63.9	69.5	69.7 71.5 73.3	73.0	73.8 76.1 78.4	74.3 76.7 78.9	75.7 78.1 83.3	79.0	77.2 79.6 81.8	83.4	82.2 84.4	80.2 82.6 84.8	85.4	87.0	1 7 7	87.5 89.9 92.2
2000	64.1 54.1	71.5	73.9	75.6	79.2	79.8	81.4	82.5	-	84.0	85.7 86.0	86.1 86.5	88.9	90.5	92.8	93.4
± 1500 ± 1200	64.4	71.9	74.3	76.1 76.3	80.0	90.5 80.8		83.7	84.2	85.2	86.9	87.8	90.1	91.8		94.7
≥ 1000	54.6 54.6	72.2		76.7 76.7	80.6 80.6	81.3			85.7 86.1	86.7 87.1	88.4	89.4	91.7	93.4	95.7	96.8
≥ 800	64.6	72.3	74.7 74.8		80.6 80.8	81.4	83.4	35.6 85.7	86.3	87.2 87.4	88.9 89.1	89.5 89.7	92.3 92.5	94.2	96.2 96.5	96.9
≥ 600	64.6	72.3	74.8	76.9	87.9	81.4	83.5	86.0 86.7	87.3	1 1	90.4	90.1		95.6	96.9	98.5
≥ 400 ≥ 300 ≥ 200	64.6	72.3	74.8	76.9	80.9	81.7	84.2	86.7	87.4	88.4	90.4	91.3	94.2	96.1	95.4	99.0
≥ 106 ≥ 0	64.6 64.6	72.3 72.3 72.3	74.8	76.9	80.9 80.9		84.2 84.2	86.8 86.8	87.5 87.5		90.9	91.4	94.5 94.7 94.7	96.7		99.6
	07.0	12.3	/7.5	76.9	5 J. Y	81.7	84.2	50.5	5/05	88.6	70.9	71.4	74.1	96.7	77.4	10.0

93

USAF ETAC 100 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLERAL CLIMATOLOGY BRANCH STAFETAC ATM MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7' 2550 EIELSON AFB AK

γ

1237-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							vi\$i	BILITY STA	ITUTE MILI	ES						
1 FEET	≥10	≥6	≥5	≥ 4	≥3	≥2;	≥ 2	≥1;	≥1.	≥1	٤.	≥`,	≥ ;	≥ 5 16	2.	≥c
NO CEILING 2 20000	29 • 5 3 2 • 1	32.4 35.2	33.7		35.1 38.0	35.1 38.2	- 1		36.1 39.2	36 • 8 39 • 9	37.4	37.6 40.7	39.7	40.7 43.8	43.1 46.2	44.3
≥ 18000 ≥ 16000	35.5 36.5	38.9 39.8	40.2	40 - 4 41 - 3	41.7	41.9 42.8	42.4	42.8	43.1	43.8	44.3	44.6	46.7	47.7	50.1 51.3	51.5 52.7
≥ 14000 ≥ 12000	38.1 41.7	41.7	43.1 46.8	43.3	44.6	44.8	45.3	49.7	49.9	50.7	47.5 51.2	51.5	53.6	50.9 54.7	53.3 57.2	54.7 58.6
≥ 10000 ≥ 9000 ≥ 8000	49.2	50.7 53.8	52.3 55.5	52.6 56.0	57.3	54.1 57.5		58.8	55.7 59.0	56.5 59.8	57.1 60.4	57.3 60.6	59.4 62.8	60.5 63.8	63.3	67.7
≥ 7000 ≥ 6000	53.4 59.4 60.8	58.4 64.8 66.5	67.0 68.8	60.8 67.4	62.1 68.8 75.7	62.3 69.1 71.0	63.D 69.B	70.4	63.8 70.6 72.7	71.5	65.2 72.7 74.1	72.2 74.3		68.9 75.7 77.7	78.4	73.3 79.8 81.8
≥ 5000 ≥ 4500	62.J	67.9 68.5	70.9	70.8 71.6	72.4	72.9 73.7	73.7	. 1	74.7	75.6	76.1 77.1	76.3	78.7 79.7	79.9	82.6	84.0
2 4000 2 3500	63.9	69.3	71.9	72.7 74.0	74.5	74.9 76.3	76.0	76.9	77.1	77.9	78.5 80.0	78.7	61.1	82.3 83.9	85.2	87.9
≥ 2500 ≥ 2500 > 2000	65.2	71.7	74.5 75.3	75.7 76.6	78.1 79.3	78.6 79.8	80.9	81.9	80.8 82.1	81.7 83.0	82.2 83.5	82.5 83.7	84.8	86.1 87.4	88.5 90.1	90.2 91.5
2 2000 , ≥ 1800 ≥ 1500	66.1	73.3	76.3	77.6	80.7	81.4	83.0	84.0	84.3 84.3		86.2		88.6	89.9 90.1	92.8	94.2
≥ 1200	66.1	73.4 73.4 73.5	76.5	78.3 78.3 78.5	81.9	81.6 91.9	83.5		85.3	86.8	87.3	87.5	89.6 89.9	90.9 91.2 92.2		95.3
> 900 ≥ 800	56.2 66.2 66.2	73.5 73.5	76.6		81.8 81.8	82.2 82.2	84.1	85.3 85.3	85.8 85.8	87.4 87.6 87.7	88.6	88.9 89.1	91.4	92.7	95.4	96.8 97.0
2 700 , ≥ 600	66.2	73.5	76.6	78.5 78.6	81.9	82.3	84.3		86.3		89.D		91.9		95.9	
.: 500 ≥ 400	66.3	73.6 73.6		78.6 78.6	82.1 82.1	82.6 92.6			86.4 86.5	88.4	89.8		92.8 93.0	94.1 94.4	96.8	98.2
2 300 2 200	56.3	73.6 73.6	76.7		82.1	82.6	84.5	86.D	86.5 86.5	88.5	89.9 90.0	90.4	93.1 93.5	94.9	97.4	99.7
2 100	6 6.3	73.6 73.6		78.6 78.6		82.6 82.6			86.5	88.5 88.5	90.0 90.0		93.5		97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 101 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORGAN

CEILING VERSUS VISIBILITY

7 2550

EIELSON AFE AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15,10-1700

CERING							viS	IBILITY STA	LTUTE MILE	E 5						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2.	≥ 2	≥1 -	≥1.	≥1	2.4	≥`•	≥ ;	≥5 16	≥ .	≥0
NO CENING ≥ 20000	27.1			34 • 1 35 • 8	i i	,	-	37.4 39.2	37.4			39.8		44.2 46.0		_
≥ :8000 ≥ :6000	31.4 31.9			39.3 39.8		41.2		43.0 43.6			45.2 45.7			49.8 50.4	50.9 51.5	
≥ 14000 ≥ .2000	33.3 36.3		43.5		43.3	43.3	44.1 47.7	45.1 48.7	45.1 48.7	45.7		47.5 51.0		51.9 55.4	53.0 56.5	53.5
≥ 10000 ≥ 9000	42.0 43.6	48.5 50.3	49.9 51.7	50.9 52.6		52.9 54.6	53.7 55.9	54 • 7 56 • 4	54.7 56.4	55.3 57.1	56.0 58.6	57.1 58.8	59.7 61.4	61.5	62.6 64.3	
≥ 8000 ≥ 7000	47 · 8	51.1	62.7	63.9	65.8	59.3 65.8	60.3 66.8	61.3 67.7	67.7	62.0 68.6	70.3	64.1 73.7	66.8 73.4	75.2	76.6	70.3
≥ 6000 ≥ 5000	53.5 55.2	63.4	65.4	66.6	68.7	66.5 69.0	70.0		68.4 71.0		73.6		76.6	78.4	79.8	77.9 <u>83.5</u>
> 4500 2 4000	55 • 6 56 • 2	65.2	67.4	68.7	71.4	71.7	72.7	73.7	73.7	74.5	74.5 76.3	76.6	79.3	81.1	82.5	91.4 93.2
2 3500 2 3000	56.9 58.0	68.4	71.2	72.6	76.4	72.9	78.0	79.1	75.2	79.9		82.0	64.7	82.6	87.9	88.6
≥ 2500 ≥ 2000	58 • 1 58 • 3	69.6			79.3	78.3	81.2	82.5	80.8 83.0	81.7	E5.5	83.7 85.9	88-6	90.4	91.8	92.4
2 800 2 500	58.4	69.7	73.0	75.3	79.9	79.7 80.3	82.0	83.7		85.2	85.9 86.9	87.3	93.0	91.9	93.2	93.9
2 1000	58.7	70.4	73.8	76.3	81.1	81.4	83.6	-		86.3 87.2	89.1	89.4	91.0	94.0	94.3	96.2
≥ 900 ≥ 800 > 706	58.9 58.9	70.4	73.8 73.8	76.3	81.1	81.4 81.6		85.5	85.8 86.0	87.4 87.6 87.7			93.0			97.1
≥ 600 ≥ 500	58.9	75.4	73.9	76.4	81.2		83.8	85.7 86.0		1	90.4	90.7	93.4	95.3		97.5
≥ 400 ≥ 300	59.0	70.7	74.2	76.7	81.6	82.U	84.1	86.D	86.4	88.1	91.2	91.5	1	96.3		96.6
2 200 3 100	59.0		74.2	76.7	81.7	82.1	84.3	86.1	86.5	88.2	91.4	91.8	,	97.1	98,6	99.5
2	59.0		,	76.7		82.2		86.2		- 1		i		,		30.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC 13164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CLUBAL CLIMATOLOGY BRANCH (SAFETAC ATH MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2650 EIELSON AFB AK

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ាទី១៦-១០០០

CEILING			<u> </u>				V15	BILITY STA	LTUTE MILI	ES						i
FEET [≥10	≥6	≥ 5	≥ 4	≥ 3	≥2:	≥ 2	≱1:	≥١.	١ج	<u> </u>	≥`.	≥ -	≥5 16	≥.	≥0
NO CEILING ≥ 20000	30.9 32.1	37.6	38.5 42.1	39.1 40.7	41.7	41.9	43.0 44.7	44.3	44.7 86.3	45.7	48.5 50.2	49.2 50.8		52 • 6 54 • 3	53.3 54.9	53.9 55.6
≥ 18000 ≥ 16000	33.7 34.5	41.2	42.1 42.9		45.3	45.5 46.5	:	48.0	48.3	49.4 50.4	52•2 53•2	52.9 53.8	55 • 2 56 • 2	56.3 57.3	57.g	57.6 58.6
≥ 14000 ≥ 12000	35.4 36.9	42.9	43.8	44.4	47.1 48.9	47.4	48.5 50.3	49.8 51.6	50.2 51.9		54.3 55.8	54.7 56.4	57.1 58.8	58 • 1 59 • 9		59.4 61.2
≥ 10000 ≥ 9000	40.5	48.3	49.2 50.7	49.9 51.5	52.9 54.4	53.1 54.6	54 • 3 55 • 8	55.6 57.1	55.9 57.4	57.0 58.5	59.8 61.3	60.4	62.8	63.9 65.4	64.5 66.0	
≥ 8600 ≥ 7000	45.5	53.8 58.5	54.7 59.7	55.6 60.7	58.5 63.6	58.7 63.9	59.9 65.2	61.2 66.5	61.5 66.8	62.6 67.9	65.4 70.7	66.0	68.4 73.7	69.5 74.8	70.1 75.5	70.8 76.2
≥ 6000 ≥ 5000	50.1	59.7 61.5	60.9 62.9	62.1 64.1	65.0 67.0	65.3 67.4	69.0	67.9 70.3	68.2 70.7	71.8	72.1 74.9	72.7 75.5	75 • 1 77 • 9	79.0		77.8 80.6
≥ 4500 ± 4000	51.8 52.5	62.6	64.0 65.8	65.3 67.1	68.2 70.4	68.6 70.9	72.5	73.8	71.8 74.1	75.3	76.1 78.3	79.0	81.3	80.2 82.4	81.1	81.8
2 350G 2 300G	53.7 54.9	67.1	67.3	68.7	72.2 75.1	72.6 75.5	77.3	75.7 78.6	76.1 79.0		80.3	83.8	86.2	87.3	88.2	88.9
250C 2000	55.3	69.9	71.2	75 . Q	77.2	77.7 79.8	82.0	83.4	81.1 83.7	82.3 84.9	87.9	86.0	93.9		93.D	93.6
2 800 2 1500	56.4	70.1 70.2	73.0	75.6	79.7 80.7	80.3	83.5		84.4	85.5 86.7	89.8	93.4	92.8	93.9	94.8	
2 700 2 1000	56.6	70.4 70.6	73.4		81.7	81.6 82.3	84.8	86.5	85.9	87.2	90.2	90.8	93.2	95.6		95.9
≥ 900 ≥ 800 ≥ 700	57.0 57.0	70.8	73.9 73.9	76.5	81.7	82.4		86.8	86.9	58.7	91.9 92.2	92.9	95.3	96.3	97.3	
2 500	57.0	70.8 70.8	73.9	76.5		82.5 82.5	85.3	86.9 87.1 87.2	87.3 87.9 87.5	88.9	92.3 92.5 92.9	93.0 93.1 93.5	95.5	96.4 96.5 97.0	97.5	98.2
≥ 400 ≥ 300	57.0	70.8		76.5	81.8	82.7	85.5	87.3	87.6 87.6	89.2		93.6	96.0 96.5		98.1	98.6 98.7 99.6
2 200	57.0 57.0	70.8	73.9	76.5		82.7 82.7	85.5	87.3	87.6	89.4	93.3	94.0	96.7	97.8 98.1	99.1	99.8
2 6	57.0	70.6	73.9			82.7			87.6		93.3	94.0	96.7	98.1		00.0

CEILING VERSUS VISIBILITY

AIR WEATHER SERVICE/MAC
702650 EIELSON AFB AK

31 1

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING	-						VIS	BILITY ST	ATUTE MIL	E 5						
FEET	≥10	≥6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1:	≥1.	≥1	≥ .₄	≥ '•	≱ ;	≥5 16	≥.	≥c
NO CEIUNG ≥ 20000	31.2 32.5	37.9		,,		42.5	46.0	45.4 47.0	\$5.6 \$7.2	46.4	48.0	48.9 50.6	51 · 1 52 · 9	51.9 53.6	52.6 54.4	53.1
≥ 18000 ≥ 16000	34.4 35.9	41.6					48.7	49.7 51.2	50.1 51.6		52.5 54.0	!	55.7 57.2	56.4 57.9	57.2 58.7	
≥ 14000 ≥ 12000	37.0 39.5	44.3	45.0	1		49.4	51.5 53.9	52.5 55.0	52.9 55.3	53.7 56.2	55.3 57.8	56.2 58.7	58.5	59.2 61.7	60.0 62.5	
≥ 10000 ≥ 9000	42.3	49.9		51.5 52.5		55.0 56.1	57.1 58.1	58.1 59.2	58.5 59.5	59.3	60.9 62.0	61.8	64.1	64.8	65.6 66.7	66.0
≥ 8000 ≥ 7000	47.8 50.4	56.0	56.6 60.6			61.4	63.1 67.5	68.2 68.6	64.8	65.4	67.0 71.4	67.9 72.3	70.1 74.5	70-9 75-3	71.6 76.1	72.1
≥ 4000 ≥ 5000	52.0 53.4	61-6	62.6		66. F	67.4 70.4	69.6	70.7 74.1	71.0	71.8 75.3	73.5 76.9	74.3	76.7 80.2	77.5	78.3 81.8	78.7
≥ 4500 ± 4000	54.2 55.7	65.0	66.2	67.3					75.5	76.4	78.D 80.5	78.9 81.3	81.2	82.0	82.8	93.
2 3500 2 3000	55.9 56.2	67.5	68.9 70.3	78.2 71.7	74.3	75.1		78.7 80.7	79.1 81.0	79.9	81.6	82.4	84.8	85.5	86.4	86.
≥ 2500 ≥ 2000	57.0 57.6	69.6	72.1	73.6 75.2		79-6 81-7	82.2	83.5 85.7	83.8 86.0	84.7	86.3	87.2 89.3	89.5 91.7	90.3	91.2	91.0
2 1800 2 1500	57.6 58.0	70.9	73.7	75.3 76.2	80.6 81.6		84.5	85.8 86.8	86.1 87.2	86.9	88.6	89.4 90.5	91.8		93.4	93.
≥ 1200 ≥ 1000	58.4	71.7	74.6	76.5	\$1.9	83.3		87.3	87.6	88.5		90.9	93.3	94.1	94.9	95.
≥ 900 ≥ 800	58.4	72.1 72.1	75.6	77.7	83.4	84.8		89.1	89.4	90.4	92.0	92.9	95.3	96.0	96.9	
≥ 700 ≥ 600	58.4 58.4	72.1	75.6	77.7	83.4	84.8	87.9	89.4	89.8	90.7	92.3	93.2	95.6	96.3 96.3	97.2	97.
≥ 500 ≥ 400	58.4 58.4	72.2	75.7	77.8	83.5	85.0 85.1	88.1	89.6	90.0	91.3	92.9	93.7	96.1	96.9	97.7	98.
2 300 2 200	58.4 58.4	72.2			83.8	85.3	88.5	90.1	90.4	92.0	93.9	94.7	97.5		99.5	99.
≥ 100 ≥ °	58.4	72.2	75.9 75.9		83.8 83.8	85.3	88.5	90.1	90.4			-		98.6		

TAL NUMBER OF ORSERVATIONS

927

USAF ETAC 100 Q+14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

702650 EIELSON AFB AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							viSi	BILITY ST	ATUTE MILE	ES		_				
FEET	≥10	≥ 6	≥ 5	≥4	≥ 3	≥2:	≥ 2	≥1′2	≥1.	≥1	≥ `•	≥ '•	≥ ;	≥ 5 16	≥ .	≥o
NO CEILING	30.6 32.2		37.0 38.9	37.7		1	41.6	1 1	43.3		45.6		48.4			50.9 52.9
≥ 18000 ≥ 6000	34.6 35.6	40.8	41.9 42.9	42.6	44.9	45.3		48.2	88.5 49.5	49.3	50.8	51.3	53.6 54.6	54.6 55.6		1
≥ 14000 ≥ 12000	36.6 38.8	42.9	\$4.0 \$6.3	44.7	47.1	47.5				51.4 53.7				56.7 59.1	57.6 60.0	58.2 60.6
≥ 19000 ≥ 9000	42.4	50.7	52.0		55.2		57.0	58.6	58.9	59.7	61.2	61.7	64.0		66.0	56.6
≥ 8000 ≥ 2000	52.3	55.3 60.3	61.9	62.7	65.3	65.7	67.1	58.7		69.8	71.4	71.9		75.2	76.3	76.9
÷ 5000	53.3	64.0	65.8	66.8	69.5	70.0	71.5	73.1		74.3	75.9		78.8	79.8	80.9	78.4 81.5
: 4500 : 4000	55.6	66.4	68.5	69.6	72.6		72.9	76.4	74.8 76.7	77.6	79.2		82.1	83.1	84.2	
2 1000	57.2 58.0	67.6 69.8	71.7	71.3 73.2 74.7	76.9	77.8	79.1			82.0	83.6	84.1	86.5	85.1	88.6	89.3
≥ 2500 ≥ 2000 ≥ 1800	58.6		74.1	75.9	80.2					85.9	87.5		98.4		92.5	91.1 93.1 93.5
2 1500	59.2	71.6	79.6		81-0				86.2	87.3	88.9		91.8	- !		
2 1000	59.5	71.8	75.2		82-0	82.7	85.2		67.7	88.9	90.6	91.1	93.6	94.6	95.7	96.4
2 800	59.5	71.9	75.2		82.1	82.9	85.3	87.6	88.1	89.3	91.1	91.7	94.2	95.2	96.3	
2 60C 2 500	59.6	72.0	75.4	77.5	82.4			88-0	88.5	89.8	91.7	72.2	94.7	95.7	96.8	97.5
2 400	59.7 59.7	72.1		77.7	82.5	83.8	86.2		89.1	90.4	92.8	93.0 93.4	96.2	96.6 97.3	97.8	98.4
200	59.7 59.7 59.7	72.1 72.1	75.6		82.5 82.5	83.5			89.2				76.6	97.6 97.8	99.2	99.7 100.0

743

USAF ETAC 10.04 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

CEILING VERSUS VISIBILITY

7C2650 EIELSON AFB AK 73-82

PERCENTAGE FREQUENCY OF OCCURRE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING				-			vis	IBILITY ST	ATUTE MIL	E5						
1 FEET	≥10	≥ 6	≥ 5	≥4	≥3	≥2;	≥ 2	≥١,	≥1.	<u>≥</u> 1	≥ 4	≥`•	. ≥ :	≥5 16	≥ .	≥c
NO CEILING ≥ 20000	38.9 43.7	41.4	41.8	42.1 47.0			47.9	48.3	\$3.5 \$8.4	43.7	49.0	44.2	44.7	44.9	45.1 50.0	45.2 50.2
≥ 18000	46.9	49.7 50.5	50.1 51.0	50.4 51.3	51.0 51.9	51.1 52.0		52.6	51,9 52.7	52.1 52.9	52.5 53.3	52.6 53.4	53.1 53.9	53.3 54.1	53.5 54.3	53.6 54.5
≥ 14000 ≥ 12000	48.6 51.3	51.4	51.9 54.7	52 · 2 55 · 1	52.8 55.6	52.9 55.8	53.2 56.0		83.6 86.5	53.9 56.7	54.3 57.1	54.4 57.2	54.8 57.7	5 5. 1	55.3 58.2	58.3
≥ 10000	56.4 58.7	59.6 62.1	60.1	60.5 63.0		61.2	61.5 64.0		64.5	62.2 64.7	62.6 65.1	62.7 65.2	63.2 65.7	63.4 65.9	65.6	66.3
≥ 8000 ≥ 7000	64.3	68.1 72.3	72.9	69.1 73.3	69.7	74.2	70.1	70.5 74.8	70.6	70.9	71.3 75.6	71.4	71.9 76.2	72.1	72.3 76.7	72.4 76.8
≥ 6000 ≥ 5000	69.6 72.2	73.9 76.9	74.6	75.0 78.1	75.8 78.9	75.9 79.1	76.2 79.4	76.6 79.8	76.7	77.0 80.2	77.4 80.6	77.5 80.7	76.0 81.2	78.2 81.4	78.4 81.7	78.6
≥ 4500 ≥ 4000	73.5 75.1	80.5	81.4	79.8 82.0	80.7	80.9	81.2	83.9	84.0	84.3	84.7	84.8	85.3	85.5	85.B	85.9
2 3500 2 3000	76.2	83.7	84.8	85.5	86.6	87.0	87.3	85.5	88-0	88.2	88.7	86.5	87.0	87.2	89.7	89.9
2 2500 2 2000	78.1 78.6	85.6	86.9	87.8	89.4	89.6	90.2		90.8	91.2	90.2	91.7	90.8	92.4	91.2 92.7 93.0	92.8
2 1500	78.7 79.1	86.5	88.0	89.1	90.8 91.5		90.5 91.7 92.5	92.3	92.5	92.9	91.9	92.0	92.5		94.4	93.1
± 1200 ± 1000 ≥ 900	79.6	87.4	89.1	90.3	92.3	92.7	93.6	94.3	94.5	94.9	95.4	95.5	96.1	96.3	96.6	96.7
≥ 800	79.7	87.7	89.5	90.7	92.8	93.5		94.9	95.1	95.6	96.1	96.2	96.8	97.0	97.3	97.4
. ≥ 600	79.8	88.3	90.2	91.2	93.4	93.9	94.8	95.6	95.9	96.3	96.9	97.1	97.6	97.9	98.1	98.3
2 400 2 300	79.9	88.4	90.3	91.6	94.1	94.5	95.6	96.4	96.7	97.2	97.9	98.0	98.6	98.9	99.2	99.7
2 200	79.9	88.4	90.3	91.7	94.2	94.7	95.8	96.6	96.9	97.5	98.2	98.4	99.1	99.4	99.7	99.9
<u>:</u> 5	79.9	88.4	90.3	91.7	94.2	94.7	95.8	96.6	96.9	97.5	98.2	98.4	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 8763

USAF ETAC 10164 0-14-5 (OL A) MENIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

> CLEAR WAS CONVERTED TO 0/10 SCATTERED WAS CONVERTED TO 3/10 BROKEN WAS CONVERTED TO 9/10 OVERCAST WAS CONVERTED TO 10/10 OBSCURED WAS CONVERTED TO 10/10

SKY COVER

7 2650

EIELSON AFB AK

73-82

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER	1			MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
JAN	00-02	19.4	_		34.3						18.2	28.1	5.5	892
	03-05	20.1			33.1						16.6	30.2	5.5	895
	96-08	15.4	-		36.0						20.6	28.0	5.7	894
•	79-11	7.4			34.1						27.2	31.3	6.6	905
	12-14	7.8			29.3						28.3	34.6	6.9	936
	15-17	6.6			33.4						25.1	34.8	6.7	907
	18-23	11.5			37.7						17.9	32.9	6.0	903
	21-23	17.2	-		34.2						19.5	29.1	5.7	897
-												-		
			-											
10	TALS	13.2		-	34.0						21.7	31.1	6.1	7201

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

102650

2

EIELSON AFB AK

73-82

FEB

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	Ĺ			PERCENTAG	E FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER	!			MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
FEB	00-02	33-2			28.0						12.5	26.3	4.6	838
	03-05	33.1			24.5						13.1	29.2	4.8	831
	80-90	22.2			31.0						17.8	29.1	5.4	833
	39-11	16.9			27.2						28.7	27.2	6.1	827
	2-14	20.5			24.7	_					27.1	27.8	6 • D	835
	15-17	20.6			29.0						22.0	28.3	5.7	844
	8-20	26.3			28.7						18.2	26.9	5.2	841
	21-23	31.9			26.8						15.3	25.9	4.8	842
							•							
														-
TO	TALS	25.6			27.5						19.3	27.6	5.3	6691

USAFETAC

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

7 2650

2

EIELSON AFB AK

73-82

MAR

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			-	PERCENTAG	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER	1			MEAN TENTHS OF	TOTAL NO OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
MAR	00-02	26.2			31.0						16.7	26.2	5.0	929
	03-05	20.5			28.4						21.3	29.8	5.7	926
	06-08	10.8			24.8						31.6	32.9	6.9	928
	09-11	11.2			27.3						26.9	34.6	6.7	930
	12-14	9.7			29.8	<u> </u>					28.3	32.3	6.7	930
	15-17	8.7			28.9						26.6	35.8	5.8	930
	18-20	11.9			28.0	"					25.4	34.7	6.6	930
	71-23	20.9			29.5						20.0	29.6	5.6	929
	<u> </u>			ļ							ļ			
	ļ													
	<u></u>													
to	TALS	15.0			28.5		1				24.6	32.0	6.3	7432

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

702550

+ 1

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EIELSON AFB AK

73-82

APR

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER	·			MEAN TENTHS OF	TOTAL NO OF
MUNIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
APR	00-05	19.7			34.7						20.6	25.1	5.4	900
	3-05	11.3			32.3						26.6	29.8	6.3	900
	06-08	12.2			24.2						28.6	35.0	5 . 8	900
	09-11	10.1			26.7			<u> </u>			32.4	30.8	5.8	900
	12-14	6.9			26.2						33.7	33.2	7.1	930
	15-17	5.9			25.8			-			33.9	34.4	7.3	900
	16-20	5.4			28.4						32.1	34.0	7.1	900
	21-23	11.3			38.3						24.1	26.2	5.9	900
							<u> </u>	 		-	 			
				<u> </u>						-				
10	TALS	10.4			29.6			1		}	29.0	31.1	6.6	7200

USAFETAC

FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

7 2650

2

EIELSON AFB AK

73-82

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAG	E FREQUENC	Y OF TENT	HS OF TOTA	L SKY COVE	t			MEAN TENTHS OF	TOTAL NO. OF
MUNIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
MAY	20-02	5.3			32.2						37.0	25.6	6.9	930
	03-05	5.3			25.2						41.4	28.4	7.3	928
	80-40	4.1			29.2						36.7	30.0	7.2	926
	09-11	2.8			31.0						37.4	28.8	7.2	930
	114	1.9			24.3	-					44.2	30.1	7.7	930
	15-17	1.2			21.0						48.5	29.4	7.9	930
	16-20	1.7			25.0						45.5	27.8	7.6	979
	21-23	2.5			30.3						38.0	29.2	7.3	930
											 		<u> </u>	
10	TALS	3.0			27.3						41.1	28.7	7.4	7433

USAFETAC

PORM 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

7: 2650

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EIELSON AFB AK

73-82

JUN

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.Ş.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
JUN	00-02	1.4			24.8						39.9	33.9	7.7	900
	03-05	2.2			22.1						39.7	36.0	7.8	900
	06-08	2.3			21.2						39.0	37.4	7.9	900
	09-11	1.1			21.1						39.9	37.9	8 • D	900
	12-14	•8			16.8						43.0	39.4	8.3	900
	15-17	•6		1	15.7						45.4	38.3	8.4	930
	18-20	.4			18.7						44.6	36.3	8.2	900
	21-23	.3			24.9						42.0	32.7	7.8	898
								 	 		 			
											-			
					1			<u> </u>			+	 		
το	TALS	1.1	. 		20.7						41.7	36.5	8.0	7198

USAFETAC

FORM 10.46 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

7.2550

2

EIELSON AFB AK

73-82

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONIA	(L.\$.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085.
JUL	00-02	1.4			28.9						38.0	31.7	7.5	931
	03-05	1.7			24.5						38.8	35.0	7.7	929
	06-08	2.6			20.9						39.0	37.5	7.9	930
	09-11	2.3			22.6			<u> </u>			41.2	34.0	7.8	930
	12-14	1.4			23.5						43.0	32.0	7.8	930
	15-17	1.2			19.4						44.7	34.7	8.1	930
	18-20	1.5			19.4						45.7	33.4	8.0	930
	21-23	1.6			23.0						43.0	32.4	7.8	930
			<u>-</u>			_	~				-			
					+			-			-			
				-										
101	TALS	1.7			22.8	············					41.7	33.8	7.8	7439

USAFETAC

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

7 2550

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EIELSON AFB AK

73-82

A35

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGI	FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN	TOTAL
MONIA	(£.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	NO OF OBS
AUC	00-02	5.8			28.6						32.3	33.3	7.1	930
	03-05	2.4			24.3						35.6	37.7	7.7	929
	30-30	2.3			18.5	- <u>-</u> -					36.5	42.8	8.1	930
	09-11	1.7			19.9						38.4	40.0	8.1	930
	12-14	-8			24.1						38.8	36.3	7.9	930
	15-17	•2			22.8	-					43.4	33.5	7.9	930
	18-20	• 3			23.9						44.1	31.7	7.9	930
	21-23	2.7			28.4						36.2	32.7	7.4	930
	-													
													 	
TO	TALS	2.0		1	53.6						38 • 2	36.0	7.8	7439

USAFETAC

FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLEBAL CLIMATOLOGY BRANCH USAFETAC Alr Weather Service/Mac 2

SKY COVER

702650

EIELSON AFB AK

73-82

SEP

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
SEP	00-02	14.4			20.6						21.3	43.7	6.9	897
	93 -0 5	7.1			23.0						25 • 3	44.6	7.4	901
	06-08	4.3			16.6						33.3	45.8	8.1	899
	89-11	3.8			20.6				1		35.7	39.9	7.8	89
	12-14	3.3			18.4						36 • B	41.4	8.0	900
	15-17	2.6	· · · · · · · · · · · · · · · · · · ·		20.3						35.3	41.8	8.0	901
	18-20	4.1			21.9						30.1	43.9	7.8	901
	21-23	3.9			25.6						21.8	43.7	7.1	89
								<u> </u>			<u> </u>			
_				ļ. <u>.</u>			-				1	-		
										 				
10	TALS	6.1			20.9	 		-			30.0	43.1	7.6	719

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

702650

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EIELSON AFB AK

73-82

DCT

STATION

STATION NAME

PERHOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER	·			MEAN TENTHS OF	TOTAL NO. OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
OCT	10-02	10.0			18.4						15.9	55.7	7.6	930
	03-05	8.6			19.0						18.8	53.5	7.6	930
	06-08	1.9			16.7						27.B	53.5	8.4	931
	09-11	1.6			13.1						33.5	51.7	8 • 6	928
	12-14	2.5			13.0						33.D	51.5	8.5	930
	15-17	2.2			13.7						32.3	51.9	8.5	930
	18-20	4.4			17.8						24.1	53.7	8.1	931
	21-23	8.1			22.0						14.5	55.4	7.5	92
														<u> </u>
10	TALS	4.9		 	16.7					 	25.0	53.4	5.1	7435

USAFETAC PORM NL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLI

ŧ 2 GLEBAL CLIMATOLOGY BRANCH USAFETAC Al- BEATHER SERVICE/HAC

SKY COVER

702650

EIELSON AFB AK

73-82

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER	!			MEAN TENTHS OF	TOTAL
MONIN	(L.S.T.)	0	1	2	3	4	5	6	,	8	9	10	SKY COVER	OBS.
NOV	00-02	15.6			23.4				l		20.5	40.5	6.6	89
	03-05	15.2			22.5						20.0	42.3	5.7	89
	06-08	9.9			23.5						22.5	44.1	7.1	89
	09-11	5.6			21.4						29.1	43.9	7.7	900
	12-14	5.4			19.7						29.8	45.2	7.8	89
	15-17	6.3			19.0						30.2	44.8	7.8	89
	18-20	11.4			23.4						19.6	45.7	7.0	89
	21-23	14.1			23.4						19.0	43.5	6.8	89
	 								ļ		-			
								 			+	ļ. <u></u>		
10	TALS	19.4			22.0						23.8	43.8	7.2	7173

USAFETAC

SKY COVER

702550

EIELSON AFB AK

73-82

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
DEC	00-02	13.0			31.3	_					18.5	37.3	5.3	902
	03-05	14.4			32.2						19.5	34.0	6.1	934
	80-90	11.2			33.1				T		22.8	33.0	6.3	901
	09-11	4.8			27.7	*-					33.3	34.2	7.3	90
	12-14	3.2			28.1						34 - 1	34.7	7.4	909
	15-17	4.6			31.2						28.9	35.3	7.1	91
	18-20	8.4			33.7						23.6	34.3	5.6	902
	21-23	10.4			31.9						21.8	35.9	6.5	90
	<u> </u>							<u> </u>			 			
TO	TALS	8.8		ļ	31.2					_	25.3	34.8	6.7	7239

FORM 0-9-5 (OL A) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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GLOBAL CLIMATOLOGY BRANCH USAFETAC Als Weather Service/MAC

SKY COVER

7 2650

EIELSON AFB AK

73-82

ALL

STATION

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO OF
MONTH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085
JAN	ALL	13.2			34.0						21.7	31.1	6.1	720
FEB		25.6			27.5						19.3	27.6	5.3	569
MAR		15.0			28.5			-			24.6	32.0	6.3	7432
APR		10.4			29.6						29.0	31.1	6.6	7200
MAY		3.3			27.3						41 - 1	28.7	7.4	7433
שטע		1.1			20.7						41.7	36.5	8.0	7198
JUL		1.7			22.8						41.7	33.8	7.8	7439
AUL		2.9	_		23.8						38.2	36.0	7.8	7439
SEP		6.1	· · -		20.9						30 • D	43.1	7.6	719
oct		4.9			16.7						25.0	53.4	9.1	7435
NOA		10.4			22.0						23.8	43.8	7.2	7173
DEC		8.8			31.2						25.3	34.8	6.7	7239
101	ALS	8.5			25.4						30.1	36.0	7.1	87069

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month
 and annual for all years combined. These tabulations provide the cumulative percentage frequency to
 tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and
 total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from bourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- 2. Extreme values derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTES) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

" Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

E - 1

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- 3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

 This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dev-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (GX). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.
 - NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- 4. Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month nd annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
- 5. Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK

DAILY TEMPERATURES

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STATIÓN NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MUMIXAM

11	EMP (*F)	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC.	ANNUAL
	90					• 1								
	85		•			• 3		2.6						• '
	80		•		•	.7							· - · · -	7.
	75	•		•	•	2 • I	20.5					· •	•	5.
	70	-	•	•	• 3		40.4		31.1	3.9				11.
	65	•		•	1.3	21.5	65.7	76.0	54.1	12.7	.1	•	_ · · •	19.
	60	-	•		2.7	43.4	84.4	90.6	77.1	30.8	1.1		-	27.
	5 5	-		•	7.0	67.5	95.2	98.7	90.8	51.3	3.0	•		34 .
	50	-	· r	•3	16.9	82.9	99.5	99.9	97.9	70.2	7.3		· · •	39.
	45	(5 .6	3.9	34.1	91.6	99.9	100.0	99.9	81.5	14.7	1.9		43.
	40	2.1	# 3.5	12.8	52.2	97.1	100.0		100.0	90.6	25.9	4.7	1.8	45.
	35	. 4.5	7.2	24.1	68.9	98.3				98.1				
	30	. 6.		=	81.8	99.3	· -+			99.8				
	25	* 9.5	17.8		90.7	99.6		+		100.0			_	63.
	20	* 13.			95.9	99.7					85.3			68.
	- 15	19.4				100.0					92.7	-		72.
	10	27.1			99.5						96.1			77.
		* 35 .7				+					78.4	68.2		81.
	6		64.9		100.0									
	-5						i				99.5		48.9	
	_		73.4							I	99.7	i	58.8	89.1
	-10	64.						:			99.8		68.6	91.
	-15		87.3		1						99.9	1		93.
	-20	78.9									100.0		81.1	95.
	-25	* 82.1		100.0								98.7	85.1	95.
	-30	* 86 -1	79.5							-		99.6	89.5	97.
	-35	* 91 ·!	99.5	 ا								99.9	92.9	98.
	·· · -+0 -	7 74.	79.9									100.t	96.0	79.
	-45	* 77-1	7 1 00 • O		+					—— —		· 1	98.2	99.
	-50	" 99°:	y	· · · ·									- 99.6 #	***
	-55	99 . 1	j					 +					77.8	100.
	-60	· 100 - 0	ý ····	-	+								100.0	100-
	_	•	· ·											
		÷	•							<u> </u>				
			+											
		.	+ -							i				
		4												
	MEAN	- 5 - 1		22.4	37.3	37.6	67.8	70.2	05.0		21.0	10.7	-2.5	35.
	S. D	1	18.250	1		1	- 1		8.069			16.142	· 1	30.23
10	TAL OBS.	114	1045	1147	1110	1146	1087	1115	1115	1080	1116	1130	1177	1341

USAFETAC FORM 0-21-5 (OL A)REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 702650 EIELSON AFB AK STATION NAME

DAILY TEMPERATURES

44-82

EARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MINIMUM

	TEMP (°F)	JAN.	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ANNUAL
≥	63						. 8		. 3					• 2
≥	5 5						8 . 8	17.7	5.0		1			2.6
≥	50				_ :	2.2	34.8	63.9	29.4	. 9	. 2		_	10.9
≥	45	•	Ţ.	•	. 3	11.3	71.8	90.9	63.D	9.2	. 4	•	-	20.4
≥	4 D]	•	*	•		33.9	92.5	98.6	84.2	26.4	. 6	• 2	· · · · · · · · · · · ·	27.6
≥	35	-1	•	•	3.5	64.0	99.4	100.0	95.7	50.5	3.0	. 3	-	34.5
≥	3 3	. 3	• 2	.6	7.6	74.8	99.6	1	97.3	62.2	6 . D	. 4		37.1
≥	30 "	.7	. 4	1.9	19.5	88.1	100.0		99.4	78.2	13.2	1.2	• 2	41.6
≥	2 5 "	1.2	. 9	4.4	37.5	95.8			100.0	93.5	31.5		• 5	47.0
<u>-</u>	25	2.5	3.3	8.6	55.0	97.7		•	= = = =	98.1	49.5		1.8	51.
<u> </u>	15	4.8	7.0	14.8	68.6	98.9		•	-•	99.6	62.3		3.1	55.5
<u>.</u>	10	8.2	11.3	21.4	78.5	99.3				100.D	73.3	20.4	6.1	59.5
		10.8	16.6	32.3	85.1	99.7					82.6		10.0	63.0
•	n	16.8	22.4	48.2	89.9	99.8			+		88.3	41.2	15.7	67.
:	-5	23.6	32.2	56.1	93.5	99.9					93.3	53.4	28.8	72.1
•	-10	32.3	42.1	68.4	96.8	100.0				+	96.2	66.3		78.0
	-15	42.8	51.9	76.5	98.5						98.0	75.0	47.2	82.
	-20 *	52.6	60.9	82.4	99.8		+				99.6	80.6	59.2	86.1
•	-25 I	60.7	69.3	87.9	99.9						99.7	96.6	67.5	89.2
2	-3D	66.3	76.3	92.7	100.0	·· ·		·-·	•		99.8	92.0	74.9	91.6
2	-35]	73.8	83.3	96.6	17714		+				100.0		81.4	94.3
<u>-</u>	-46 1	82.3	90.8	98.9		+		+		• • •	10000	99.5	87.2	96.5
	-45	88.8	96.0	99.5								100.0	93.6	98.
-	-50 *	94.3	98.7	100.0	+			+				10000	97.6	99.
-	-5 5	98.3	99.5	100.0									99.3	99.
	-60		100.0						——— i	+	+		99.9	100-0
	-65 T	100.0	TANGOR	+	+			——- -	+			-	100.0	100-0
	_62 [†]	Tonen											100.0	100.0
	•													
•	+	-4		+									#	
:	4	+		· · - 									- 	
	4	+		+										
:	4				+			+						
:							- 							
<u> </u>			···- — -											
•														
	MEAN	-20.0	-14.9	-3.7	18.2	36.5	97.4	50.6	95.8	39.8	16.5	-5.0	-17.7	15_1
	S D	19.846	18.729	16.893	12.682	7-132	5.286	4.321	6.049	6.971	12.928	16.177	17.587	29.15
	TOTAL OBS.	1147	1045	1147	1110	1146	1087	1116	1115	1080	1116	1130	1177	13414

USAFETAC FORM 0-21-5 (OL A) NEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 702650 EIELSON AFB AK STATION STATION NAME

DAILY TEMPERATURES

44-82

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

MEAN

TEMP	(*F)	JAN.	FEB.	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
	75						. 3							•
:	70			• • •		. 3	2.7	3.4	. 4					•
:	65			• • •		. 8	12.3	22.0	7.2					3.
:	6Ö '	• •		† - · · · ·		3.1	38.7	60.1	27.5	1.5	.1		· · · · · · · · ·	10.
:	53 '			֥	- 3	14.7	70.6	88.4	60.1	6.9	. 4			19.
:	50	•		···	1.4	40.1	92.8	98.6	85.9	23.8	.7			28.
	45	••		† - †	4.4	69.3	99.1	99.9	96.9	54.4	2.5	• 2	*	35.
:	45	.3	• 1	. 4	16.3	87.7	99.9	100.0	99.4	76.7	7.5	. 6		40.
	35 '	. 9	- 5	2.9	34.0	95.5	100.0	-	100.0	89.2	19.8	1.8	.3"	45.
:	30	1.6	2.2	8.5	55.4	97.8				98.1	36.4	4.0	1.1	50.
:	25 '	3.7	5.8	17.1	70.8	98.8		-		99.8	54.0	8.3	2.3	54.
	20	6.9	11.5	26.5	80.4	99.4			- 1	100.0	69.1	13.5	5.0	59.
	15	10.6	16.5	40.3	88.4	99.7					81.5	24.2	9.0	63.
	10	14.8	23.4	54.1	93.9	100.0					88.6	35.9	14.4	68.
	5	20.9	32.9	65.3	97.0						93.4	50.2	21.0	73.
 :	0	28.3	42.8	74.1	99.1				-		96.4	60.4	29.6	77.
	-5	38.4	52.6	81.8	99.8						98.8	72.0	40.9	81.
	~10 °	50.2	62.6	89.1	100.0						99.6	79.6	53.4	86.
	-15	59.1	71.2	93.5							99.7	85-8	64.0	89.
:	-20	65.9	79.1	96.9				+			99.8	90.	70.9	91.
	-25	72.7	85.4								99.9	95.1	78.9	94.
:	-30 ¹	79.2	92.1	99.7							100.0	98.2	83.3	96.
-	-35	85.1	96.4	100.0					+			99.6	88.8	97.
:	-40	90.8	98.4									100.0	93.2	98.
	-45	74.8	99.5	t							 +	\cdot	96.5	99.
	-50	98.0	100.0										98.9	99.
	-55	99.6		 									99.7	99.
•	-60	100.0		 				 +					100.0	100.
		·		——							•		t	
											1			
	· · · †	 		† 										
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· :	+			 				-						• • • • • • • • • • • • • • • • • • • •
-	!	 		 							+		••	
		 		 										
MEA	N	-11.9	-1.3	9.4	29.0	47.3	57.8	60.6	55.9	44.6	24.4	3.0	-10.3	25.
S. D		20.409			11.047	7.499			5.853		11.880		18.526	29.51
TOTAL	4	1147	1045	1	1110	1146		1116	1115	1000	1116	1130	1177	1341

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES HAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

702650 EIELSON AFB AK
STATION NAME
STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV	DEC.	ALL MONTHS
44									*		22	43	
45	47	49	44	51	74*	68						_	
46					···						37	11	
47	27	43	48	53	92	84	86	75	63	52	48	31	9
48	41	37	37	43	71	91	83	78	67	50	49	19	9
49	26	25	49	52	73	73	84#	82	72	46	4.8	18	8
55	32	18	42	55	71	8.5	84	85	69	63	30	28	8
51	10	37	45	60	76	8 3	39	84	73	46	49	27	
52	20	39	42	52	65	8.3	84	78	69	61	49	40	
53	25	41	40:	68	76	8 4:	89	80	65	60	31	19	8
54	25	42	45	51	73	84	82	83	73	54	45	28	8
5 5	42	22	45	51	68	76	92	77	64	50	15	30	9:
56	14	23	44	60	68	78	85	77	69	37	46	11	8
57	33	44	48	54:	72	87	85	8 2	82	54:	38	24	8
58	37	26	43	68	83	88	92	80.	65	42	39	18	9
59	15	31	42	53	73	82	81	83	65	4.8	37	29	8
6Ē	38	32	94	70	88	78	87	84	67	47	42	44	8
61	48:	20	4.6	62	72	78	84	74"	74	56	42,	22	8
62	41	34	48	50	66	80	82	85	61	52	43	25	8
63	33	42	43	56	81	72	82	81	79	591	16	4 D 🖟	8
64	12	40	39	45	79	77	79	77	68	55	48	8 *	7
65	4 3	20	50	56	72	79	8.0	75	8.0	46	35	27	8
56	26	25	45	56	61	80	8 Q.	81	69	57	25.	20	8
67	18	33	40	62	69	88	86	81	72	46	4.4		8
68	33	45	43	51	70	78	85	82	66	49	31	36	8
39	9	40	47	62	76	93	74	71	70	68	41	45	9
70	40	46	51	60	72	74	85	76	64	52	48	39	8
71	39:	28	37	55	68	91	80)	74	67	55	33	32	9
72	28	16	40	48	72	90	8 4	78	74	58	31	33	9
73	37	37	48	65	73	78	84	8 2	75	46	23.	42	8
MEAN	***	-									-		
S. D.												1	
TOTAL OSS								+					

NOTES . (BASED ON LESS THAN FULL NUNTHS)

USAF ETAC AND O-00-5 (OLA)

(AT LEAST ONE DAY LESS THAN 29 OBS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

702650 STATION EIELSON AFB AK STATION NAME

-82____

HOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	MUL	JUL	AUG	SEP	ОСТ	NOV	DEC	ALL
74	17	13	46	- 59	77	79	8.0	82	70	40	33	6	В
75	30	41	44	5.3	76	81	89	77.	70	55	31	40	8
76	37	41	40	70	71	80	8.8	88	65	54	50	40	8
77	45	45	41.	59	76	79	88	86	66	56	13+	23	8
78	31	44	41	6 D	67	70	84	79	71	46	31	28	6
79	26	8.	43	74	72	78	8.2	8.2	74	6.3	46	28	8
8 3	46	5 0	47	58*	77	8 D	82	84	64	53	27	9.2	8
81	49	4.4	52	61	77	78	77	8.0	70	48	46	41	88
8.2	7	34	48	54	70	8.5	84	76	70	40	38	93	8
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MEAN S. D.	30.3	33.9	44.2	57.2 7.087	73.3	81.2	83.9	79.9	69.4	51.8	37.2	29.8	86.
S. D. TOTAL OBS.	1147	1045	1147	1110	6-D47	1087	1116	3.921	1080	1116	1130	1177	3.92

USAF ETAC AR M 048-5 (OLA)

B LAT LEAST ONE DAY LESS THAN 24 OBS)

GLERAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7. 2650 EIELSON AFB AK
STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	oct	NOV	DEC	ALL MONTHS
44	+										-32	-48	
45	-29	-48	-24	-19	-6*	37	_					_	
46										•	-32	-60	
47	-62	-60	-29	-11	21	31	38	29	16	-10	-18	-28	-63
48	-35	-38	-34	-19	14	41	41	27	19	-4	-41	-45 °	-4!
49	-46	-46	-11	-19	9	35	38*	36	23	_ 4	-20	-50_	- 51
50	-36	-56	-17	-26	30	34	43	34	27	-13	-43	-33	-5
51	-55	-43	-41	•	30	3 7 ₁	43	39	24	-6	-26	-44	-59
52	-56	-35	-36	-15	14	37	45	28	20	3	-16	-26	-5
53	-52	-50	-29	4	31	4.4	42	36	25	-19	-16	-28	-5
54	-47	-45	-25	-5	26	36	41	35	19	12	-10	-53	-5
55	-37	-46	-41	-17	28.	34	44	30	20	-11	-32	-47	-4
56	-51	-52	-50	-9	32	38	42	39	12	-19	-40	-48	-5
57	-49	-49	-19	5	26	38	39	39	17	-4	-14	-43	-4
58	-33	-30	-18	11	23	39	40	34	21	-21	-34	-46	-4
59	-48	-22	-40	-15	24	38	37	33	26	-13	-25	-30	- 41
60	-49	-26	-29	-20	27	32	39	36	18	0	-36	-27	-4
61	-31	-27	-36	-8	25	34	41	32	26	-14	-38	-61	-6
62	-51	-34	-35	9	15	37	39	29	26	7	-32	-41	-5
63	-51	-41	-30	-16	28	32	41	32	22	-9	-44	-27 ₁	-5
64	-42	-40	-49	-19	4	39	41	35	25	-8	-38	-56	-5
65	-54	-48	-23	5;	11:	35	38	30	20.	-16	-25	-47 i	-5
56	-49	-42	-39	-4	26	38	39	33	23	-16	-34.	-50	-51
67	-44	-39	-33	5,	24	39	44:	37	26	-5	-35	-41	-4
68	-46	-57	-20	- 1	28	♣ D	45	32	19	-11	-28	-5 D	-5
69	-57	-48	-30	3	31	37	39,	29	20	B	-4 D	-21 L	~5
70	-40	-28	-26	3	25	36	43	37	20	-17	-33	-48	-41
71	-64	-44	-49	-14	24	36	36	36	26	2	-38 ₁	-43	-6
72	-51	-45	-41	-21	25	36	44	39	13	- 3	-20	-37	-5
73	-54	-39	-21	16	29	38	42	34	24	-6	-35	-31	-5
MEAN	-												
S. D.												i.	
TOTAL OBS.													

NOTES . (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 085)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR BEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS:

7C265D EIELSON AFB AK
STATION NAME

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WHOLL DEGREES FAHRENHEIT

MONTH	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	oct	NOV	DEC	ALL MONTHS
74	-49	-49	-41	2	23	36	40	25	14	-10	-37	-53	-5
75	-60	-47	-22	-11	27	40	38	31.	24	-35	-35	-53	-6
76	-41	-44	-15	4	31	40	93	37	25	-19	-18	-21	-4
77	-17	-9	-21	-2	28	41	43	32	29	-6	-30+	-52	* - 5
7 E	-32	-25	-13	-15	30	37	44	35	28	-3	-19	-24	-3
79	-29	-45	-25	-7	32	38	4.5	41	25	6	-7	-36	-4
30	-54	-11	-20	13*	30	38	43	35	22	11	-11	-46	~5
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5. D.	11.9621		1.3301								0.3931		6.53
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USAF ETAC AND O-88-5 (OLA)

LAT LEAST ONE DAY LESS THAN 24 OBS)

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MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS - 1963 - A

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC ATR WEATHER SERVICE/MAC 702650 EIELSON AFB AK 73-82 3000-0200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 4. / 45 • 1 64/ 43 3 3 5 1.27 41 • 1 4.1 35 37/ 37 6 6 3 3./ 35 3 / 23 10 10 • 9 . 1 2/ 31. 9 5 / 25 24 27 8. 9 9 15 1 1.1 11 16 • 1 15 2/ 21 •6 7 .2 1 / 17 .6 • 5 10 10 15 6 21 21 17 25 15 15 15 14/ 13 .3 1.3 2 13 25 21 2.9 •5 36 24 24 19 2.2 30 24 14 ·6 2·1 - 1 24 2.1 32 1 1.3 5.1 56 56 46 20 39 39 51 26 3.3 34 33 33 22 - / -3 2.1 1.7 -4/ -5 27 28 41 -(1 -7 52 52 55 26 ₹ 39 32 -:/-9 3.9 39 36 -1'/-11 3.0 28 26 26 26 ತ -1./-13 30 30 30 13 -14/-15 2.1 18 18 18 34 -1-1-17 2.1 14 52 -14/-19 1.6 **2/-21** Element (X) No. Obs. Mean No. of Hours with - 00 F - 93 F Total 107 s 32 F ± 67 F = 73 F Rel. Hum.

Dry Bulb Wet Bulb Dow Point GLOBAL CLIMATOLOGY BRANCH UTAFETAC ATM WEATHER SERVICE/MAC

702650 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

STATION			5	TATION NAME				-			-	ΥE	ARS					MON	TH
																PAGE	2	3000-	0200
_					VET BULB		7		CEION A	e \			-			TOTAL		TOTAL	
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2/-23	1.3	2 3.4	3.8	7.8 9.	10 11 - 12	13 - 14	13 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	23 - 26	21 - 28 2	7 - 30	= 21				
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7-31	1.9	`				 		\vdash		\vdash			\longrightarrow	\longrightarrow		20	20		2
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		630637		-14907						59.		91.7					 		9
Dew Point		2003	<u>'</u>	-14701	-1700	€ U • / 5	9		76	73.	4	93.D							9

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O SAA MON SHIT TO SHOULD BOUNDED OF THIS FORM ARE

POEM 0-26-5 (OL A) BENTA

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 7 - 2650 EIELSON AFB AK PAGE 1 0300-0500 HOURS (L. S. T.) TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B./W.B. Dry Bulb Wet Bulb Dew Pain 4./ 45 . 1 44/ 43 92/ 41 • 1 . 6 6 40/ 39 3 / 37 • 2 36/ 35 11 34/ 33 . 8 - 1 11 • 3 . 8 1 / 29 11 1 .6 / 27 : / 12 25 1.4 12 12 2/ 21 • 2 .9 16 16 17 5 20/ 19 17 .8 1.0 10 10 -1 17 17 .3 1.0 20 11 14/ 13 .1 1.5 14 14 22 16 27 20 .6 2.3 10/ .5 1.6 • 2 20 21 21 20 27 (• 3 2 • 3 23 23 25 15 1.0 3.5 39 39 21 4.0 42 42 44 37 28 18 -21 - 3 2.9 1.4 37 37 41 23 3.1 33 -6/ -7 38 38 32 44 38 44 21 32 41 17 ! /-11 5.1 22 2 **2** 22 -14/-15 3.0 26 26 26 32 -1//-17 20 2.4 45 -! /-19 2.7 0/-21 No. Obs. Element (X) • Mean No. of Hours with Tomo Rel. Hum. 2 0 F 1 32 F Dry Bulb Wat Bulb Dew Peint

GLOBAL CLIMATOLOGY BRANCH U"AFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 70.650 EIELSON AFB AK 73-82 0300-0500 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wer Bulb Dow Point 2/-23 18 18 18 36 2.1 31 2-1-25 13 1.5 13 -7.7-27 21 21 21 18 2.4 2-/-29 2.0 17 17 07-31 18 18 18 12 2.1 12 21 13 2/-33 12 12 1.4 3-7-35 21 32 12 3:/-37 2.1 18 35 17 20 27 30 15 91/-41 1.0 127-43 16 16 1.8 --4/-45 2.1 24 20 47/-47 10 -4 /-49 18 -7-51 (23 - 2/-53 14 47-55 -5 /-57 -507-59 - :2/-63 -147-65 62.624.2 7.7 3.0 1.3 1.2 930 IJTAL 866 866 866 (OLA) 0.26.5

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

3439435

573137

435764

627777

53395

-8529

-6792

61.713.048

-9.223.081 -7.821.028

-14807 -17.120.810

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EIELSON AFB AK

PSYCHROMETRIC SUMMARY

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GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR KEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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See 0-26-5 (OLA) sententent

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATR WEATHER SERVICE/HAC 7C265C ZIELSON AFB AK STATION NAME 73-82 1900-1100 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Wet Bulb Dow Pain (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 20 29 . 30 = 31 4 / 47 • 1 14/ 43 . 2 2 5 42/ 41 • 3 11 • 9 11 40/ 39 - 3 37 35/ 35 34/ 33 -1 ,2/ 31 12 • 2 . 1 2./ 27 •9 · 6/ 25 24/ 23 11 2/ 21 30 30 14 15 26/ 19 . 9 2.1 11/ 17 .2 1.0 24 15/ 15 2.1 19 25 22 22 11 18 18 -9 1:/ EDITIONS OF 27 19 2.8 26 28 28 2.3 26 40 24 24 17 3 .6 2.2 1.1 3.8 43 34 3.6 1.4 43 43 45 21 32 14 1.4 2.3 -5 2.4 2.2 40 38 40 42 22 0-26-5 (OL A) 36 36 96 3.4 4.7 41 41 46 35 10/-11 2.3 20 20 20 17 -17/-15 3.0 2.2 26 30 19 19 -15/-17 21 13/-19 Element (X) Rel. Hum. 10F 1 32 F 4 80 F Total Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC ATR LEATHER SERVICE/MAC 782550 EIELSON AFB AK 73-82 JAN STATION STATION MAME 0900-1100 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Teme. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 16 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint 23 23 23 40 2/-23 17 17 1.9 17 43 -24/-25 1.4 12 12 12 34 -26/-27 22 22 24 -24/-24 1.6 14 14 14 21 2.9 /-31 25 25 25 14 27-33 1.5 13 13 13 18 34/-35 23 10 14 10 1.1 -3:7-37 2.1 18 39 16 21 -2./-39 15 15 -- /-41 11 16 11 16 1.3 2/-43 1.1 10 17 10 24 -'4/-45 1.1 10 13 10 18 -46/-97 18 18 -4. /-49 6 6 17 .7 6/-51 2 3 2 16 27-53 18 4/-55 6 -5//-57 -5-/-50 - 7-61 • 3 -- 2/-63 2 4/-65 6 - 6/-67 3 929 872 TTAL 61.527.5 7.0 872 872 0-26-5 (OL A) Element (X) No. Obs. Mean No. of Hours with Tempera 61.712.926 3467808 53824 Rei. Hum. 872 10F 1 32 F ≥ 67 F = 73 F = 80 F = 93 F 537751 -8351 61.1 89.5 Dry Bulb 413268 -7.820.318 B72 60.5 92.D 93 -6842 Wet Sulb 72.1 93.0 -14891 -17.120.284 872 93 Dew Paint

GLCBAL CLIMATOLOGY BRANCH USAFETAC Alw meather service/mac

PSYCHROMETRIC SUMMARY

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3.4.138				•										•				PAG	E 1		-1400 (. 3. 7.)
						WE T	8111.6	TEMPER	ATHE	05005	SSION /	g)						TOTAL		TOTAL	
Temp. (F)	0	1 . 2	3 - 4	5 - 6	7.8								23 - 24	4 25 - 26	6 27 - 2	8 29 -	30 = 3	0.B./W.B.	Dry Bulb		Dew Peint
4 / 47						• 3		1 -						1	1	1		3			
4/ 43			!	î :	i	-1	1	i					ļ	1			_	1	i		
-2/ 41				•	.6	.4									T	\top		9	9		
46/ 39			:		- 4	. 6		1				<u></u>		<u> </u>				و	9	<u> </u>	L
39/ 37				. 4	• 1	• 1												6	6	3	
36/ 35			1	. 6	. 4			1						<u> </u>					10	<u>. </u>	
311/ 33			• 2	3	. 4			!	<u>'</u>			}		İ		1		9	9	10	İ
72/ 31		1	3	-1	ļ		ļ							-	↓			5	5	14	
30/ 29		. 3	•7	• 1		i i		į								1		10	10		1
2 / 21			1.2		·	L	<u> </u>	 	L			<u> </u>	<u> </u>	 _	 	+		\perp \mathbf{u}		13	
20/ 25		. 1	• 3		İ		í	ì										5	1	1	5
24/ 23		3	-6	1			 	 	i ——			<u> </u>	-		↓	→—			9		
2/ 21	•1	. 6		'			į	}	1 1				-	1	1			13	_	1 -	
19	. 3				L	L		├					<u> </u>	_	_			19	19		12
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16/ 15	. 3		9		L			<u> </u>					ļ	 		-		24			21
16/ 13		2.5	•6				İ					İ		1	1			28	28		19
12/ 11.	. 4		- 3					-		-					┼	-		21	21	29	26
10/ 9		1.3	. 3				ì						İ	1				18	18		17
1 1	4	2.6											<u> </u>	+	 	\leftarrow		27	27		22
t/ 5	_	1.9	-2		!		!]			}	1		19	19		20
4/ 3	7												-	+	+	+	-+	9.0	90		23
2/ 1	• •		ł		!		ì		}			ļ	ł	}	1	1	- 1	53	53		24
-1	4.4	-8		<u> </u>				+	-			<u> </u>	-	+	+	+		96	46	67	19
-2/ -3	1.9						[[ĺ	1	1	1	- 1	43	43		27
-4/ -5	2-2							 					 	+	+	+-	-+-	6	- 46	43	40
-1/-7		1.0			 		1	1					1			1	[40	40		1
-°/ -9	3.9	L						+						+-	+	+-		30	30		37
-10/-11	3.3			,								ĺ	1			1	-	29	29	29	
-1./-13	2.7							+					 	+	+	+	_+-	24	24	24	21 39
-16/-17	2.0			,			ļ	1	,				1			1	- 1	18	18	18	36
-19/-19	3.0							 						+	 	+-		27	28	27	30
- 7/-21	2.1								}				j	1	}	ı	ļ	10	10		37
Element (X)		2 4'			ž x		Ī	7,	٣	No. Ob	. 1				Moon	No. =	House	ith Tempera	- 44		
Rel. Hum.				·		-+		 	\dashv			10	•	1 32 F		7 7	• 73 F		- 93	F	Total
Dry Bulb						_		†	_				` †		 			1	1 -		
Wet Bulb						\dashv		 	-+				1		1				 	\neg	
Dew Point																					

0-26-5 (OLA) BENSED II

SAFETAC POPE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC EIELSON AFB AK 702650 73-82

PSYCHROMETRIC SUMMARY

																		PAG	E 2	1200 HOURS (-1400 [. s. t.]
Temp.							BULB											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	* 31	D.S./W.S.			
-72/-23	1.7		i		. (Į.	ļ	1	[ĺ	{	{ i			15	15		28
-24/-25	2.5									L	L			L			<u> </u>	22	22		18
-26/-27	2.4	1							[1		!	1	(!		ĺ	21	21	21	28
-21/-29	1.8																	16	16		21 17
-307-31	1.1	i							Ţ	1	ļ		}	}			1	10	10		
-:2/-33	2.1									L								19	19	19	24
	1.6		i	i	!				ł	1	1	}		1)		}	14	18	1	22
-36/-37																	Ĺ	12	27		14
-38/-39			1	i	i	i			}	1	1	}		1	1			12	17	12	9
0/-41	1.2		i								L							11	17	11	20
-42/-43		i	i	Ì					1	ì	ì	1]				10	14	10	28
-44/-45	.9																	8	11	8	18
-46/-47	• 3		,	ļ	1	,		ļ '	Ì	1	Ì)	}	Ì		1	3	5	3	17
-42/-49	• 3		!								L							3	3	3	14
-107-51		i		Ì	1					1	1	1							1		9
- 2/-53	•1									L				L				1	1	1	3
- 47-55	•2)		1	1				ł	1				Ι.				2	2	2	3
-56/-57	.7										L							6	6		
-58/-59	• 3				i				ŀ		1			i i				3	3	3	1
-/-3/-61																					2
-627-63		ļ	- 1		ĺ						ļ								_		- 6
-54/-65																		1			3
TCTAL	54.6	31.5	8.8	1.8	2.0	1.5													930		889
										-								889		889	
																					ļ -
											-							-			
									ļ												
-										بيا											
Rel. Hum.		7 T O			i y	_	*	*	 -	No. Ol								Temperet			
Dry Bulb	····		6763 9241		-53	2	61.5	1	24		89 30	56		32 /	± 67	- •	73 F	- 80 F	- 93 (' - '	Perel
Wet Bulb							-5.7							88,3		-		 			93
Dew Point			7806		-97		-5.3				89	57		91.6					 		93
VEW POINT		22	0530		-127	<u> </u>	14.6	7.5	7.7	5	89	70	• /	93.0				L		1	

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 YEARS MONTH MONTH PAGE 1 1500-1700 MONTH

Temp.					,	WET	BULS	TEMPE	RATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 21	- 30	231	D.B./W.B.	Dry Bulb	Fet Bulb	Dow Poi
1./ 45	i	i			. 2	•1						;						3	3		
4/ 43					-1	-6	1	L													
2/ 41	į				.6	. 6		-	l			! !				1		10	10		
10/ 39				. 3	.1	. 4	<u>i</u>											B	8		
3 × / 37 ¹	I			. 3	• 3	• 2		ļ								Ì		8	g.	2	
5c/ 35			-1	.2	1		1	1	L	L								4	4	2	
34/ 33				. 4	- 3	[I						ļ		1		7	7	15	İ
2/ 31			. 2	. 9	1	:		i			<u> </u>							10	10	13	L
27/29			.9	. 1	į.			I										9	9	8	ĺ
. / 27	i		.7	-2				l	<u> </u>	<u>:</u>								8	B i	13	
25/ 25		•2	1.0					Ī								1		11	11	13	
24/ 23.	. 1	3	•2			!	i	1	_	<u> </u>								6	6	12	ئــــــــــــــــــــــــــــــــــــــ
2/ 21	• 2	. 4	.8	•1														14	14	15	1 (
19		. 8.	. 3	. 2	1	L		L										12	12	14	1
11/17	i	.6	.4		i			1		1								9	9	8	2
10/ 15.		1.7	. 4		1	İ		İ		1						i_		19	19	10	1
14/ 13	•1	1.9	•7		:													24	24	23	1
12/ 11.		2.1	.2		!	İ	l .			l .		i_ :						27	27	26	
1 / 0		1.7	•2								ĺ	,						23	23	30	2
1/ 7:		1.9	.1		ļ.		1			1						1		21	21	22	2
5/ 5		1.7	•2															22	22	26	
u/ 3 i	1.7				1	l	i	1	i									54	54	43	
2/ 1	.9	3.8					,											42	42	49	2
·/ -1	3.6	1.5			1	į	ì	1	1									45	45	47	2
-2/ -3	2.4	2.7			1		ŀ		ſ	T								45	45	46	2
-4/ -5	2.8							!										99	44	42	
-5/ -7	3.2																	34	39	42	3
-:/ -9	4.9	i			1			1								1		9.9	99	99	
t"/-11	2.4																	21	21	21	3
12/-13	1.9	1	į			!				1						1		17	17	17	3
14/-15	2.4	•																21	21	21	3
16/-17	2.4	1			1.			1	l									21	21	21	2
10/-19	3.0	1						T										27	28	27	4
· u/ -21	1.2	i			1				ļ							i			12	_ ii	3.
Element (X)		ξχ'			ZX	\top	T	•,	\top	No. Ol	0.				Meen No.	of Hos	es wid	h Tempere	lure		
Rel. Hum.					-	1		Ī				# 0 1	7 1	32 F	+ 67 F		73 F	- 80 F	• 93 F	Ţ.	Tetal
Dry Bulb									\neg				7			1			1		-
Wet Bulb								1					\neg			 			1	1	
Dew Point					-	-+-		+	-		\rightarrow		$\overline{}$					1	· † · · · · · · · · · · · · · · · · · · 	+	

OBM 0-26-5 (OLA) RYSEO MEYICUS EDITIONS OF THIS PO

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

7 2650 STATION EIELSON AFB AK

PSYCHROMETRIC SUMMARY

																	T-	A-4. T			
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	WET	BULB	TEMPE	RATUR	4 17 1	ESSION	21 . 22	23 . 24	25 24	27 - 28 2	9.30		OTAL B./W.B.	Dry Bulb	TOTAL Wet Bulb	Daw Pa
- 2/-23	3.0	1 - 2	3 - 4	3.6	7.8	9 - 10	11 - 12	13 - 14	1113 - 1	6 1/ - 10	17 - 20	21 - 22	23 - 24	23 - 20	27 - 26 2	. 30 .	- 3,	27	27	27	2
-2-1-25	2.5		!	1	i	i i	i					1 1					1	23	23	23	3
-:-/-27	2.1			•	 -			-	+		 	+ +		 				19	19	1	
1-29	1.9				İ					ļ						1	1	17	17		2
- 7-31	1.2				-	 			+-	+	+	1 1						11	11	11	1
- 2/-33	1.8														i		-	16	16	16	2
-347-35	2.0								+-	+	†	† †		! !				18	20	18	2
-3. /-37	1.5									1		f 1			į.	- 1	ĺ	9	17	9	2
-37-39	1.6							ļ	+		 	†		1	+		-+	14	19	14	1
-1, 7-41	1.5								:		1			1 1		1		1.3	22.	13,	1
-127-43	1.6			•				<u> </u>	+	+	 	† †		1				14	19	14	- 2
4/-45	. 4							:	:	i				1]		i	: 	4	7.	4	1
-45/-47	• 3			-				 -	+		 	† †	-	1			1	3	6	3	1
-u /-49	• 4					i			1	1	ì	1 1			1	i	!	4	4	4	1
- 7-51	-1				•				+		1	† !		1 1		- 1		1	1	1	
-12/-53					:			į.				1 1				:	!				
- 4/-55	.4			•		•			+	İ	•	• • •	-		-			4	4	4	
-5:/-57	•9				!	*			1		1	1 :			ì	i	i	8	8	6	
- 7-61							!	i		1	Ţ	1									
- 2/-63					!			i	_												
TOTAL	56.3	28.3	6.6	2.9	1.8	1.9	• 1	ļ		1	T	T !		1				,	930		89
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Element (X)		Σ χ'	1	-	Z	نــــــــــــــــــــــــــــــــــــــ	¥	•	.	No. C	bs.	<u>. </u>			Mean No	of Hour	s with T	emperen)F0	1	
Rel. Hum.			1310		55 g	48	61.6				393	101		± 32 ₱	= 67 F			- 80 F	- 93 (1	lete!
Dry Bulb			8155		-56		-6.0				30	57		88.3		1			1		9
Wet Bulb			8735		-51		-5.7				993	57		91.0		1			 		9
Dew Point			5274		-134		15.0				393	71		93.0		1			1		9

73-82

1 64 0-26-5 (OL.A) REVISIO METVOUS EDITIONS OF THIS FORM ARE

AFETAC FORM 0.24 6 101

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR FEATHER SERVICE/MAC

7 .550 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

JAN.

1800-2000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 4 / 45 2 . • 2 4/ 43 • 2 37 41 8 8 50/ 37 7 3 / 37 . 5 • 2 7 / 35 . 3 31/ 33 8 £ 15 . . 9. 21.31 • 3 • 2 1 29 • i 6 : 1 27 18 • 6 9 Ģ 10 21/ 23 13 7 27 21 • 3 14 • 5 _/ 12 19, 13 1./ 17 • 8 13 13 12 18 •7. 1 / 15 • 3 . 1 13 .5 1.1 15 15 14 22 / 11 29 29 18 22 23 1 / .6 1.9 • 1 22 23 .3 2.5 26 .3 2.7 27 27 33 15 .8<u>3.6</u> 39 39 30 18 · 2 1 1.1 4.7 52 49 27 1 2.9. 1.1 2.3 2.1 39 39 40 24 ---/ -5 ---/ -7 1.9, 2.5 39 39 25 32 44 39 39 49 3.6 .8 1 -9 22 4.2 37 /-11 3.5 31 31 31 28 1./-13 29 2. 18 18 30 18 30 32 30 -1-/-15 3.4 1./-17 29 -) /-19 3.3 Mean No. of Hours with Temperatu Element (X) 10F 1 32 F +67 F +73 F + 80 F • 93 F Rei. Hum. Dry Bulb Wet Bulb Dew Point

73-62

0.26-5 (OLA) REVISED MEYIOUS EPITIONS OF THIS FORM ARE ORGOLETE

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FETAC 104 0.26-5 (OLA)

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

126 5 0	EI	ELSO	N AF	BAK						73-	82								J	l N
STATION				5	TATION NA	ME					· · · · · · · · · · · · · · · · · · ·			YE	ARS				M04	TH
																	PAGE	. 3	1600-	
Temp.		-				WET	BIII B	TEMPER	ATURE	DEPRE	SSION	F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 . 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28 2	19 - 30 × 31	⊣	Dry Bulb		Dow Po
2/-23	2.5		•		+		1			1	1			1			22	22		2
2-7-25	2.5		:					!		į		1		1			23	23	23	1
24/-27	2.5			•			i	1		1	1	1		†	1		22	22	22	1
2 /-29	2.3				·			:		1	i	:		1	1 1		20	20	20	2
/-31	1.0		•		•		+	1						1	! 1		37	17	17	1
7/-33	1.6									[1				!!		14	14	14	1
3:/-35	1.2				• •		1				1	 		1			11	11	11	2
3. /-37	1.7									1	!	: ;		1	1	!	15	22	15	3
7-39	1.4			•	· · · · ·	_	•	•			1	, ,		!	1		12	1 ĕ	12	2
/-41	1.6										1	: :		i			14	25	14	1
-2/-43	1.4			•	• • •		T			•	 	•	•	†			12	19	12	1
4/-45	1.8										i i			ļ		,	16	19	16	1
4.7-47	.7						1				 	'		1	•		6	7	6	T
0 /-49	• 2							' i			I			1	1	i	2	5	. 2	1
7-51	•2		•		+		*- -			•	+			+	•		2	4	2	2
2/-53	• 2							٠.								i	2	2	2	
47-55	•		•		•		•	-		+				,	•		1		·	
50/-57	1.4				i					i						:	12	12	12	
5 /-59			•	+	•		•			•	•			+	1		1			-
21-63				1				1				. !		1	!					1
2146	59 .9	Z 2 . U	5.1	3.5	1.8	1.0	7	+		+				+	†		1	458	-	ਲਲ
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lement (X)		Z z '		 	Zz		T	•		No. OL	i	ĹĹ		<u>i </u>	Mean Me	. of Hours w	ith Temperat			
lel. Hum.			7238		544	44		12.9	71		88	10 F	-	≤ 32 ₹	+ 67 (- 80 F	+ 93 (F 1	etal
bry Bulb			1468		-70	_		22.4			28	58		88.1		+	+	+	 	9
Wer Bulb			0897		-62			20.3			88	59		91.2	 	+-	+	+		9
Dew Point			5118		-145			20.0			88	72		93.D			+	+		- 9

USAFETAC FORM 0.26-5 (OLA) HYNEP PREVIOUS EDITIONS OF PASS FORM ARE OMDOSTED

GERBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 255C	EIELSON A	FB AK	TION NAME			7	3-82				EARS					A.A.
• • • • • • • • • • • • • • • • • • •		•											PAS	F 1	2130-	2300
Temp.				WET BULB	TEMPER	ATURE DE	PRESSION	(F)		_			TOTAL		TOTAL	
(F)	0 1-2 3-	4 5-6	7 - 8 9 -	10 11 - 12	13 - 14	15 - 16 17	- 18 19 - 2	0 21 - 22	23 - 24	25 - 24	27 - 20 2	19 - 30 + 1	0.5.74.0	· Dry Bulb	Wer Bulb	Dew Paint
4 :/ 45				. •1		7		1		,	i			1		
4/ 43	· · · · · · · · · · · · · · · · · · ·		-2	.72		: 1				·			1	1. 10.	<u> </u>	
-27 41			• 31	• 2			1	1	1					. 5		
40/ 39			1	.2					+		++					
5 / 37		. 7	• 6					1	}	į	1		1.3	13	1	
7./ 35			.2			·			+	<u> </u>	+				4	
34/ 33		.1 .2				- 1	i	!		1	:			3	9	
_2/_31		2, 8,			+		- i -		-	+	+ -	+-	9		11	
34 / 29	•	6 .3			1 .		i	1		i			e	8	17	
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- / -3	1.6 2.5			:							1		36		36	28
-4/ -5	3.1 1.8		:						L	<u> </u>			4.3	43	41	23
/ -7	4.7 .6		Ţ		!	1							4.7	47	56	34
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-14/-15	2.7		i	İ	1		İ		1	i		1	24	24	24	34
-14/-17					├ ──┤		_	↓	<u> </u>	ļ	 		19		14	- 12
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- 1/-21	les				لبل			↓		<u> </u>	1 +		تليل		12	35
Element (X)	2 x'	2	X	X	- FR	No.	. Obs.	├					rith Temper			
Rel. Hum.				 	├			10	<u> </u>	1 32 F	► 67 F	* 13 F	+ 90 F	- 73 1	<u> </u>	late!
Dry Bulb				 	-			├			 	+-				
Wet Bulb				 	├			 	-+-	-	+	+				
Dew Point					<u> </u>						4					

, ; , , L SECTAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** SCAFETAC AIR WEATHER SERVICE/MAC 7 2550 EIELSON AFB AK 73-82 STATION NAME PAGE 2 2130-2300 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 17 32 17 2/-23 1.9 17 24/-25 33 23 23 23 2. /-27 1.8 16 16 18 1-29 3.2 28 28 28 19 /-31 26 5.6 9 2.9 26 41-33 17 17 13 13 31/-35 1.4 12 12 23 -3:/-37 1.4 _./-39 41/-41 34 16 24 16 1.8 -02/-43 13 13 1.5 18 22 ~~4/-45 20 -4 7-47 1.9 20 21 -4:/-49 1 16 7-51 17 17 - 47-55 1 -5 /-57 -5 /-59 2 -: 2/-63 4/-65 ICTAL 61.526.4 5.8 3.2 1.7 1.1 930 885

No. Obs.

885 930

885

10F

60.6 88.7

61.3 91.5

93.0

54256 -7975

-6923 -15193

3467512

543127

424533

61.312.642

-7.820.469

Mean No. of Hours with Temperature

93

93

(OL A) MYNED MEYICUS FORTIONS OF THIS

6

FETAC NOW 0.20

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dow Paint

GLEBAL CLIMATOLOGY BRANCH USAFETAC £19 WEATHER SERVICE/MAC

7 2650 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

STATION			3	TATION N	AME								•	EARS					MON	ITH
																	PAG	E 1	HOURS IL	. S. T.)
Temp.					WET	BULB	TEMPER	ATURE	DEPRE	SSION	(F)						TOTAL	L	TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Pei
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/ 45											<u> </u>		1	1		<u> </u>	13	13]	
4/ 43				. •2	. 4	• 1							1				47	47		
7 41	· •			4	3						<u> </u>		i —				5.0	50		
16/ 39			. 1	• 3	. 4				i.					i i			5.3	53		
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34/ 33		2	5	•1	•	•					·			4			58	58	65	
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/ 27	e	1 .6	. 2			+							·				64	69	109	
/ 27	•																5.8	58	78	12
1 25		18	1						•		+					<u> </u>	<u> 68</u>	68	86	2;
4/ 23	•0 •	3 • 5	• 0											: 1			5 9	59	77	1 :
2/ 21	.1 .	4 . 7														<u> </u>	. 91	91		_6.
. 7 15	•2 •	7 .9	• 5														126	126	94	111
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/ 15	.3 1.	9 .6												1			155	155	132	146
4/ 13	. •2.1•	6 .2				•			·				.	+			139		168	121
M 11	•5 1•	7 .3													1		172	172	179	167
9	5. 1.	9. ,3	. .		•		•—-										190	190	170	_137
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<u>·/_ </u>	4, 2.	2•1	•		•				+		+		•	+		<u> </u>	184		233,	_125
4/ 3	• • • • •	_													ì		287	287	260	177
1	1.7. 4.	4	·						Ĺ				·	++			383	383		19:
/ -i	3.2 1.	2												i			308	308	381	165
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-7/ -9	7.0										:			1 1			290	290	332	232
7-11	3•7		•	· •										+			260	260	260	297
1./-13									! :					1			176	176	176	167
1-15						-	+ - 4				—			↓			189	189	189	282
1/-17						:	! ,							ļ [l		139	139	139	253
1-19							لب		لمسلط				<u> </u>	لمسلم	لب		112	179	172	374
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el. Hum.	· · · · · · · ·											<u>'</u>	32 P	× 67	'	73 F	- 00 P	- 93 (' '	etel
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er Bulb															+		├	+	+	
ew Paint	<u> </u>				i		1	_1		i		_ 1		i	1		L	_1		

0-26-5 (OL A) myse meyous ton

USAFETAC 100

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2550	FI	E F 20	N AF		TATION N					73-	<u>82</u>				EARS						AN
312/108				•	TATION N	ANK.								•				PAG	E 2	A	LL LS. 7.1
Temp.						WET	BULB	TEMPER/	TURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8			13 - 14					23 - 24	25 - 26	27 - 28	29 - 30	e 31	D.S./W.S.	Dry Bulb		Dew Pei
/-21	1.7		-		•			-									$\overline{}$	121	122		
2/-23	2.2					:		1				1				1		152	152	152	254
24/-25	2.2				+													153	153	153	215
2. /-27	2.2					i		1				i i				ł	İ	154	154	154	180
2:1-29	2.1				•					1								150	150	150	179
. /-31	2.0					!	İ	į				!!		ļ	!	1	!	142	142	142	113
27-33	1.8			-	•		† — ·	+ +							-	1		129	131	129	131
34/-35	1.5						į							[i		í I	107	139	1 27	160
3- 7-37	1.6				•		1	:		1								111	226	111	176
:- /- 39	1.5							; [į		1		1		ĺ	i	104	164	104	131
/-41	1.4				+		+	† †		+		-			1			99	164	99	178
42/-43	1.4									:		1		1	1	j	l	98	145	98	199
547-45	1.5						+	,				++			 			138	137	108	143
46/-47	1.3							į				!!			į	1	1	8.8	108	88	127
4 /-49	• 5				•		+	•				 					-	38	43	38	125
/-51	-1							i :		i		i		:		ì	į	5	20		137
2/-53	•1				•			+		 				!	 			7	22		8.8
4/-55	•2							į						i		ĺ	į.	12	14		38
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Element (X)		E g '			Z g		×	•	\top	No. Ob	<u>. </u>				Moon P	to. of He	mere wid	h Tomporet	ure		
Rel. Hum.		2783	9628		4 32 7	54	61.6	12.98	7	70	26	1 0 F	•	32 F	= 67		73 F	- 80 F	- 93	1	etal
Dry Bulb			1969		-599			22.51		79				10.9					1		744
Wet Bulb			3752		-502	_		20.40		70				33.4				†	1		744
Dew Point			9655		1153			20.22		70				99.D				 	+	-+-	799

GLORAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATE WEATHER SERVICE/MAG 7 2550 EIELSON AFB AK FEB. 1000-0200 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 22 · 24 25 · 26 27 · 28 29 · 30 a 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point 4/ 43 2/ 41 4. / 39 11 11 1.4 . 4 . / 35 •5 •6 12 12 3°/ 33 .4 .6 • 3 14 .8. .4 - 4 14 14 20. 21 27 •\$ 10 12 8 •5 • 3 10 21 25 - 5 10 10 5 24/ 23 .3 1.0 2/ 21 .5, .5 9 9 2.5 1.1 33 33 17 16 / 19 24 1 11 1: / 15 •1. 1•0, •3 11 18 14/ 13 .6, .8 11 11 16 1.7 11 • 1 • 9 • 3 10 10 (.1. 2.0. .1 1.5 17 17 17 18 20 1. 2.4 1 22 25 12 -1 2-7 2 **2** 11/ .1 5.3 43 •3 28 1.3 1.9 29 30 40 15 28 -9; 3.2 28 1.4 1.6 15 25 26 11 - / -7 2.3 .5 22 30 -1/ -9 2.0 16 16 18 25 2.7 21 1.5 12 12 39 1 /-13 -14/-15 36 <u>36</u> 29 27 36 0.26.5 20 29 29 -1-/-17 3.7 -1-/-19 40 30 5.1 5/-21 2.9 Element (X)

+ 92 F

#47 P # 73 P # 90 P

107

32 P

Rel. Hum.

Dry Bulb Wat Bulb

7

GLOBAL CLIMATOLOGY BRANCH OSAFETAC ATP LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2650	ETEL	SON A	FB A	STATION					73.	-82				YEARS						E 8
STATION				STATION	NAME									******			PAG	ξ ?		-0200
Temp.							TEMPER										TOTAL		TOTAL	
(F)		2 3 . 4	5 -	6 7 - 8	9.1	0 11 - 1	2 13 - 14	15 - 16	17 - 10	19 - 20	0 21 - 22	23 - 2	4 25 - 2	26 27 - 2	29 -	30 + 31				
. 1-25	3.9	ī	,			i t	, ,			ļ					ļ		31	31	31	
?·/-27	3.8				<u> </u>	-			↓	—		 			-		30	30 27		
7-29	3.4			:	1		1 :		1				-				27 14	14	14	3
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2/-33 36/-35	2.5						1		ì	1	1	1)	Ì	1		20	24	53	
3.7-37	-6				-		+			+			+	+			5	1		1 .
3./-37 3./-39	1.5					1			!	1					Ì	- !	В	25		
-/- 41 -	8						+		+	1	+	+	+	+	+	+	6		6	
2/-43	•5									1	i	1	1			i		9	4	
4/-45	.6				+	-+			+	+	+	1	+	+	+-		5	5	5	
-/-47	.6						:		:	j	i	1	1				5	:	5	
7-49					•		, , ,		1	†	1	1	+	+			1			
·/-51				:	:	1	1		1	1 .		:		i.	i		!			
2/-53									!	-	1			7	1					
TAL	56.531	.1 6.	В 2.	3 3.7	2	1			<u> </u>	<u> </u>	<u>. i </u>		:	1			1	846	1	79
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el. Hum.	2909076		6		348		213.0	. 5		791	2 0	•	* 32 F		67 F	• 73 F	- 90 F	+ 93 (-	Total
ry Bulb		44927			47		321.8			146		.8	79.		\dashv		1	1		ь
for Bulb		33480	_+_		845		119.6			791		.5	83.		\Box		T	_		. 6
Dew Point		53231		-12			120.3			791		. 7	84.				7			8

0.26-5 (OLA) HVISO

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

7: 2653 EIELSON AFB AK
STATION STATION NAME

PSYCHROMETRIC SUMMARY

FEB

6300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) TOTAL D.B.W.B. Dry Bulb 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 45/ 45 1 • 1 40/ 39 1.0 9 9 . 1 3:1.37 ...8 • 3 - 5 367 35 . 5 10 10 34/ 33 2/ 31 15 15 13 5.1 29 .9 12 12 19 A 6. 201 27 .6 1.2 14 14 20 _/ 25 <u>.5</u>. 10 10 16 23/ 23 • 5 13 6 2/ 21 .5, 1.2 2./ 10 1.6 1.3 22 22 12 16 13/ 17 2.1 20 20 23 15 16/ 15 . 9 • 5 11 11 12 14/ 13 1.0 18 19 12/ 11 12 13 8 9 1.0 9 20 21 1.9 •6 19 19 1.9 21 3.6 28 29 23 14 31 17 3.9 31 29 . / -1 .5 1.6 17 17 21 13 3.1 -4/ -5 1.3 2.3 28 28 32 12 3.0 1.2 - u/ -1 32 32 41 18 -9 . 3.2 25 25 - 1 26 16 1.7-13 14 14 14 16 1.8 1-/-15 3.2 32 32 27 33 -1:/-17 25 25 25 14-19 15 35 35 30 3.6 36 2/-23 Mean No. of Hours with Rel. Hum. 10F s 32 F - 80 P - 93 F Dry Bulb Wet Bulb

73-82

FORM 0.26-5 (OLA) service resyons comons of the

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GLCBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/HAC 7 2650 STATION EIELSON AFB AK FEB 73-82 0300-0500 HOURS (C. S. 7.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 2.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 a 31 D.B.W.B. Dry Bulb Wet Bulb Daw Point -21/-25 4.0 3.6 31 31 31 28 -2./-27 4.5 35 35 35 25 1.7-31 2.5 19 19 19 18 21-33 17 17 17 28 34/-35 18 30 -3:/-37 .9 18 40 2-/-39 .6 5 23 19 ---/-41 24 23 -42/-43 20 22 21 -14/-45 -40/-47 -4 /-49 -50/-51 3 --27-53 9 4/-55 2 TOTAL 771 771

No. Obs.

7 71

846

771

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55.3

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X

-12665 -16.420.277

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-6902

-4897

2807959

469666

328507

59.012.923 -8.222.117 -6.419.653

0-26-5 (OLA) NYND PE

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VFETAC NOW 0.26.5

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dow Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC A'R WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 FIELSON AFB AK STATION HAME 73-82 YEARS WONTH

PAGE 1 1610-1801 HOURS (L. S. T.)

Tomp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

(F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-25 27-28 29-30 e-31 D.B./W.B. Dry Bulb Wer Bulb Dew Peint 4-7 4-7 e-3.

Temp.							BULB											TOTAL		TOTAL	
(F)	0 1-	2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	31	D.B./W.B.	Dry Bulb	Wet Bulb (Dew Point
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4:/ 45						1			1										1		
4/ 43	1				į	-3	.!	i	i	ì	ĺ							2	2	ì	
92/ 41	· ·				. 4		-		<u> </u>					↓				3	3		
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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC ATP MEATHER SERVICE/MAC 7 2650 STATION EIELSON AFB AK FEB 73-82 YEARS STATION NAME 0600-0800 HOURS (L. s. T.) PAGE 2 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 0 /-21 35 35 35 31 4.6 2/-23 2.5 19 19 19 -24/-25 3.4 26 32 26 26 29 2-1-27 32 4.2 1-29 4 . () 31 31 31 30 :/-31 2.7 21 21 21 19 2/-33 27 25 25 18 -3⁴/-35 35 15 .9 19 36 -7:/-39 1.0 19 1.7-41 16 27 -12/-43 . 9 7 29 22 -14/-45 . 9 10 26 -4:/-47 0 -45/-49 /-51 7 -12/-53 6 -14/-55 3 TOTAL 57.426.6 8.2 2.3 2.7 766 766 766 (ſ 0-26-5 (OL € C, No. Obs. Element (X) •. Mean No. of Hours with Temperature USAFETAC 2802521 490657 45233 -7431 59.113.109 -8.822.448 Rel. Hum. 766 10 F 1 32 F ≥ 73 F - 80 F • 93 F Dry Bulb 845 57.0 80.3 84 Wet Bulb 340851 -5247 -6.819.964 766 56.3 82.7 84 -12944 -16.920.488 766 Dow Point 539846 84.D

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73-50 EIELSON AFB AK
73-82
YEARS
PAGE 1 1900-1150 Hours (L. S. T.)
TOTAL
TOTAL
TOTAL
TOTAL
TOTAL
TOTAL

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GLIBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC ASS WEATHER SERVICE/MAC EIELSON AFB AK FEB 7 2650 73-82 0900-1130 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 1 . 2 | 3 . 4 | 5 . 6 | 7 . 8 | 9 . 10 | 11 . 12 | 13 . 14 | 15 . 16 | 17 . 18 | 19 . 20 | 21 . 22 | 23 . 24 | 25 . 26 | 27 . 28 | 29 . 30 | = 31 5.1 /-21 40 40 40 26 2/-23 3.3 24 24 24 25 -2-1-25 25 25 32 25 -2-/-27 20 20 20 26 16 17 34 16 /-31 17 17 17 2/-33 1.9 15 18 15 25 3-1-35 1.5 12 20 12 30 -7:/-37 22 26 • B 6 6 -7 /-39 17 4 13 4 ---/-41 . 9 17 30 -62/-43 • 3 20 -- 47-45 15 9 -4./-47 -47-49 3 /-51 - 77-53 767 946 BOTAL 53.131.6 8.8 2.3 3.2 787 1 ₹ Element (X) Zx' Z X No. Obs. ±47 ₽ ≥ 73 ₽ 2822272 423857 46012 -4369 58.512.968 -5.221.792 ≤ 32 F - 80 P Rel. Hum. 787 10F 51.3 79.6 Dry Bulb 846 84 Wet Bulb 301960 -3164 -4.019.183 787 51.4 82.4 Dew Paint -11224 -14.319.848 61.9 469706 787

GLEPAL CLIMATOLOGY BRANCH USAFETAC A:F WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

FEB

7 2650 EIELSON AFB AK STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 - 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1 / 45 1 • 1 0 / 47 . 4/ 43 .1 .2 .7 9 9 27 41 .4, 1.3 .1 41/ 39 • 5 8 / 37 .7: .2 12 5 •1 •5 14 • 8 • 1 14 31/ 33 2/ 31 3/ 29 •1. ·•2. •7. 9 1.0 1.1 . 7 24 15 •4. •1. •2. •2. 7 / 27 22 10 -1 1-1 -5 14 14 1.2. 1.4. 22 2-1 23 .2 1.2 12 2/ 21 1.2, 1.5. 19 19 23 1.7 1.6 .2 29 29 15 7 19 32 1 / 17 .1. 1.2. .7. 18 1 / 15 1.7 1.0 22 22 21 31 14/ 13 •2. 1•7. •7. 22 22 21 18 26 26 26 23 1./ 11 .2 1.2 1.7 3.6. .6. 3.5 35 18 18 7 2.3 .1 SG. 20 47 13 2.5. 7.J 39 4.7 · / -1 2.0 1.4 34 35 44 21 - / -3 .5, 2.5. -4/ -5 1.9 1.7 30 30 26 - / -7 2.6 .7. - / -9 4.3 28 28 33 33 38 41 -1 /-11 3.3 -1 /-13 4.1 34 -14/-15; 16 39 16 16 -1//-17 3.1 26 26 26 32 Element (X) No. Obs. Mean No. of Hours with Temperatu • 93 F Rel. Hum. 10F ≠ 32 F +67 F = 73 F Terel Dry Bulb Wet Bulb Dew Peint

(OL A)

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ELSBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** LISAFETAC AIR WEATHER SERVICE/MAC <u>7 26</u>50 EIELSON AFB AK FEB STATION NAME STATION 1200-1400 HOURS (L. S. T.) PAGE 7 Temp. (F) **E1 BULB TEMPERATURE DEPRESSION (F)

0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 +31

3+1 TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb De 28 25 1-21 26 26 21-23 1.7 16 27 2-1-25 2.0 17 19 17 15 15 2 t / -27 15 1.5 35 2 /-29 1.9 16 16 16 /-31 1.7 14 14 19 21-33 -3-/-35 7-37 - 1 25 15 1-39 15 1-41 7 10 Ú -4 /-47 4 -4 /-49 2 /-51 43.334.513.3 4.4 2.6 1.4 TUTAL c 46 834

No. Obs.

я**34** 846

834

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+ 93 F

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1.217.776 -9.518.891

0.26-5 (OL A) MVISO MEVIO

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USAFETAC POR D

Element (X)

Ret. Hum.

Dry Bulb

Wet Bulb

Dew Point

GLORAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

7. 2650 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

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CLABAL CLINATOLOGY BRANCH PSYCHROMETRIC SUMMARY MISAFETAC ATT FEATHER SERVICE/HAC 7 2550 EIELSON AFB AK FEB 73-82 STATION NAME STATION 1500-1700 PAGE 2 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 -1 7-19 3.7 51 31 31 26 1-21 3.5 25 2/-23 17 17 17 31 -24/-25 -2:/-27 19 19 19 21 1.7 14 14 14 34 15 2-/-29 1.7 15 7 /-31 15 15 18 1.8 2/-33 7 28 -3./-35 3 30 -3-1-37 15 -0:/-41 10 - 27-43 14 - 4/-45 -4.7-47 -4 /-49 - /-51 3 T 837 TOTAL 40.937.211.8 4.1 4.5 1.3 .2 837 (100 0.26.5 No. Obe. Mean No. of Hours with Temperature ZX Element (X) T Rel. Hum. 46746 55.813.176 3.219.576 837 1 9 F 1 12 F + 67 F = 73 F = 80 F = 93 F M USAFET 40.1 77.0 Dry Bulb 332216 2666 846 8 4

Wet Bulb

Dew Point

263911

373866

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84

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6LC3AL CLIMATOLOGY BRANCH ULAFETAC AIR NEATHER SERVICE/MAC 7.2650 EIELSON AFB AK STATION NAME

PSYCHROMETRIC SUMMARY

FEB

1830-2063 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.S.W.S. Dry Bulb Wet Bulb Dow Po 5 / 49 1 • 1 54/ 43 3 7 #2/ **41** 41/ 39 31 37 • 2 4 7 / 35 _.4. 34/ 33 12 .2 .9 .4 12 2/ 31 . 6. .5. .7 1.0 9 9 13 23/ 27 .6. 1.3. 17 27 2 / 25 1.1 • 9 • 1 2.1 23 8 27 ___6 21 22 . 21 21 .6 .5 1.1 14 .9. 1.5. .2 1 / 17 .2 1.1 1.3 19 19 19 1 / 15 20 20 20 .2 1.6 .6 17 24 24 18 14/ 13 .2 Z.2 21 18 .1 1.8 •6 .2 1.2 .7 18 19 23 23 23 20 2.7 26 25 27 .1 2.9 25 12 .1, 3.9. 29 29 .2 4.9 42 42 18 231 30 1.5, 1.2 13 1.6 1.3 24 24 27 -./ -3 --/ -5 1.8 1.2. 16 16 23 17 1.5 . 4 -11 -9. 35 37 18 4.3 29 29 37 -1 /-11 3.5 29 1./-13. 2.7. -1"/-15 3.8 31 31 31 43 -1:/-17. 3.9. 34 35 -1-/-19 4.1 Mean No. of Hours with Tomperatu Element (X) +67 F + 73 F • 93 F 1 00 P 207 1 32 F Dry Bulb Wet Bulb Dow Paint

73-82

0.26-5 (OL.A) REVIEW REVIOUS EL

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GL. PAL CLIMATOLOGY BRANCH OATETAC PSYCHROMETRIC SUMMARY A. ' WEATHER SERVICE/MAC 7 2550 ETELSON AFB AK 73-82 FEE STATION MALE WET BULB TEMPERATURE DEPRESSION (F)

(F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-26 29-36 -31

- 2/-25 2-3

- 1/-25 2-7

- /-27 2-7 1800-2000 PAGE ? TOTAL TOTAL D.S./W.B. Dry Bulb 19 35 35 19 19 22, -2 /-29 25 1-31 12 16 15 ~/-33 1.7 14 11 15 21 14 -3-7-35 1.3 11 3 /-37 25 31 10 777-39 /-41 23 -- 77-43 27 -4 7-47 -4 /-49 7-51 101/L 52.831.5 9.0 2.8 3.5 .2 822 825 ₹ 0-26-5 (OL / Element (X) •, No. Obs. 2991364 361648 48248 58.813.646 -2.620.521 -2.818.569 Rel. Hum. +47 F +73 F +80 F +93 F 820 1 0 F 1 32 F 46.7 Dry Bulb 79.9

820

47.1

60.5

83.2

89

Wet Bulb

Dew Point

288870

451988

-2304

-10666 -13.019.557

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A18 WEATHER SERVICE/MAC
7 2650 EIELSON AFB AK
STATION

PSYCHROMETRIC SUMMARY

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2/ -1			i		i	i			1	}	ļ					16	16		
/ -9							 		 							16		18	
J-11	3.5		:					1	1	}	1				1	28		2B	
/-13	3.7		, 						1							30			
4/-15	9.1			į	1				1						1	_ 33	33	33	
6/-17	4.3								T							32		32	
2/-19	4 a Di		<u>. 1</u>						1							32		32	2
/-21	4.6						1									37		37	
2/-23	3.5							L	<u> </u>	·						28	28	28	3
lement (X)	z _x ,		1	X		X	• 4		No. Ot	9.				Meen No.	of Hours	with Tempere	tura		
el. Hum.					\perp						10		32 F	2 67 F	- 73	• 80 F	• 93		Total
ry Bulb					$_{ m L}$														
er Bulb					\Box														
ew Point			T		7 "		1								1		1	1	

SAFETAC

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2550	EIELSON AFB AK 73-82			FEB
STATION	STATION NAME	YEARS		MONTH
			PAGE ?	2130-2303
				HOURS (L. S. T.)
Temp.	WET BULB TEMPERATURE DEPRESSION (F)		TOTAL	TOTAL
(F)	0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 -	24 25 - 26 27 - 28 29 - 30 = 31	D.S./W.S. Dry B.	rib Wet Bulb Dew Point

Temp.							BULB '											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew Pein
-2-1-25	2.7		•				1						Ţ	T	T		Ţ	22	22	72	33
-2:/-27	3.7		1		i			İ	1			1	ļ			ļ		3.0	30	30	27
-2-1-29	2.7	1	•	•								1					1	22	22	22	29
- /-31	1.7	'				}	1			l j		1		1			1	14	14	14	23
77-33	2.0	—					1			!						!	1	16	16	16	31
-34/-35	1.5					1			1	į	1	-	1	ł				12	17	1ā	2 5
-37 7-37	1.4	•	•	•		 -	1					1	1	1	1	1	1	11	28	11	31
-36/-39	. 9							i		!		1	{	1	1	İ	í	7	24	7	17
/-41	. 4				+	•								1			1	3	6	3	22
-1:2/-43	. 9	ì							i.	:	1	1	İ	1		ĺ	1	7	8	7,	31
4/-45	.1	•								-		! 	†	1	 	 	1	1	1	1	23
-41/-47	.1							:				!	!	ļ		Ì	ì	1	1	1	4
4-7-49		+							-		 	 -	+	1	 	 	!	1			8
- /-51									1	:	į	i	'	-	i	i	1	1	i		5
- 37-53			•											† -			 	++	+		1
TOTAL	55.4	30.8	7.4	3.2	2.7						i			ļ	1		•	1 :	5 4 5	+	801
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				!		1	1							!]			i		
Element (X)		Z x'	—.	+	2 1	$\overline{}$	<u> </u>	7.		No. Ol	be. 1		L		Mean	No. of H	leura wid	h Temperen	uro .		
Rel. Hum.			2496		973	2.0	59.2				01	10		1 32 F	* 67		73 F	- 80 F	• 93 F	7	otol .
Dry Bulb		9.0	9337	7	-46	33	-5.5	21.3	28		45		•0	79.9				† 	+	+	84
Wer Bulb			2936		-38		-4.9				01		•0	83.2		\dashv		 	+-	+	84
Dew Paint			9585		-119		14.9				01		• 1	84.0		-+-		 	+	-+	84
DOD FORM		77	4203	.	- 447	5 4	. 797	16 7 9 7	- ii		V- 1	96	TA	070V				1	1		91

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

7'255C EIELSON AFB AK STATION HAME

PSYCHROMETRIC SUMMARY

				_																	[] [, \$, T,)
Temp.											ESSION (,				TOTAL		TOTAL	
(F)	0 1	. 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 20	6 27 - 2	8 29 -	30 = 31	D.8./W.S.	Dry Bulb	Wet Bulb	Dew Pei
51/45					i I	l	- 1	ĺ	!	1				[1			4	4	1	
4:/ 47	·			.0		3		ļ	.	L	↓	L	ļ	↓	1	↓		1			
46/ 45						1									ì	i		4	4	1	1
14/ 43				• 0	1	• 3		-		-	↓			ـــــ		+	<u> </u>	25	25		<u> </u>
42/ 41				• 1			i	-	ì	í	1			l l	1		1	33	33	1	ł
40/ 39			<u>•0</u>	•2	• 9			+		↓	ļ				<u> </u>	<u> </u>		78	78		
3./ 37			-1	• 4	• 6	• 1		1		1					-			71	72	13	
<u>36/ 35</u>		•0	2.	. 6		1		i	i	└	i		<u> </u>	<u> </u>	1	ــــــــــــــــــــــــــــــــــــــ		87	87		
31/ 33		- 1	• Z	• 5	• 3			İ	!	ł				i	1	i	1	69	70	70	
2/ 31		- 5,	5	. 6				<u> </u>	L				ļ ————	-		ᆚ		127	127	113	
3.7.29	•2	•7	- 6	• 2	• 3				i]				1		İ		114	114	148	1
2-/ 27		.6.	9.	. 2					.	<u> </u>	<u> </u>			<u> </u>	<u> </u>	1		106	106	148	9
21/ 25			1.0	. 1	• 0		,	l	l i	ļ	į			}			ļ	125	125	150	6
24/ 23		•5.	7	• 0		L				-	L			L				82	62	152	3
12/ 21	•1	. 8	1.0	. ວ				j)			}	j		!	125	127	150	91
21/19	2, 1	1.2	1.0	-1							<u>i</u>			L.		1		200	200	131	17
11/ 17	.1 1	1.2	. 6	• 0]	ļ		1			_	ļ	•		123	123	178	14
16/ 15	11	.3	.7											<u> </u>		1_		136	136	145	179
14/ 13	.3 :	1.5	•3															134	134	131	15
1 / 11		1.5	• 7						<u> </u>		!				1	· 		199	151	140	15
10/ 9	•1	1.9	-4													i i		151	152	131	15
	- 0, 3	0.5	3											<u>.</u>		Ĺ		150	151	187	16
5/ 5°	.1 2	2.2	•0											!	1			148	148	163	9
/ 3	1	.2												L	1	1		213	214	199	14
27 1	.1	1.5																298	302	259	11
_ / -1	1.2	.5		:										<u>L</u>	1	<u> </u>	1	214	217	289	11
-2/ -3		2.5											_					215	215	226	11.
-4/ -5	1.5	. Bi		- 1						L	L i			1				211	211	216	15
/ -7																		202	202	251	16
- / -9	3.1	/	1								l !				İ		1	199	199	222	19
1./-11															Ι'''	T	1	208	208	208	21
1:/-13	2 - 31	!	i	!						L_				İ		1	1	179	179	179	19
14/-15	3.7																	237	238		24
1/-17		i	_ 1	_ [j _ l]]			İ		1	1	212	213		
lement (X)	2,	,			t x		X	·,		No. OI	· T				Moon	No. of	Hours with	Temperet			
Rel. Hum.												201	•	32 F	.6	7 1	■ 73 F	- 80 F	- 93 (Ferei
Dry Bulb									_				-		T	$\neg \uparrow$			1		
Wet Bulb						\neg			_		+		_		1	-			+		
Dew Point						-+- -					-				+	-					

FORM 0-26-5 (OL.A) REVISIO MEYIOUS EDITIONS OF THIS FORM ARE C

SAFFTAC ROW

USAFETAC **PSYCHROMETRIC SUMMARY** AIH WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK 73-82 STATION NAME STATION PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.S./W.S. Dry Bulb Wet Bulb Dew Point 275 249 274 -1-/-19 4.3 274 /-21 3.9 249 249 2/-23 2.3 177 177 178 24/-25 3.0 193 195 193 -2-1-27 191 191 191 -: /-29 - /-31 184 186 184 2.9 133 134 133 2.1 2/-33 118 128 -31/-35 1.1 69 115 -3:/-37 . 7 47 130 -3.7-39 38 119 •6 -01/-41 . 4 26 90 - 12/-43 27 74 -14/-45 • 3 18 21 -4-/-49 - /-51 - 1-53 4/-55 51.931.9 9.3 2.9 3.2 6766 TOTAL 6407 6407

No. Obs.

6407

6766

6407

396.7 634.3

399.7 661.4 490.9 671.9

FEB

272

221

262

229

229

231

169

201

232

227

143

167

171

134 51

44

31

22

6407

672

672

69

47

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26

27

18

Mean No. of Hours with Temperature

67 F # 73 F # 80 F

(OLA) 0.26.5

Element (X)

22903441

3268647

2436245

3759493

373565

-27069

-21987

58.313.237

-4.021.614 -3.419.197

-88039 -13.719.951

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

GLOBAL CLIMATOLOGY BRANCH

SLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK PAGE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Pair 0 / 47 3 40/ 39 • 3 3 3 34/ 37 7 / 35 • 5 8 3-/ 33 2/ 31 .6: .4 1.1 24 24 8 2 / 29 -4: 1.4: .3 20 201 .1 1.4 .8 .3 24 24 25 1 25 1.3, 1.1 24/ 23 .2 1.7 .6 25 32 5 25 2/ 21 •3, 1•2, 1•8. 35 14 2:/ 19 .1 3.5 3.2 23 64 64 25 1 / 17 ·4, 1.6, ·8 33 14/ 15 •3: 2•7 •5 33 45 38 1-/ 13 .1, 3.4, 1.5 97 47 29 37 1. / 11 1.2 2.4 1.1 43 49 39 43 •6 3.9 1.1 •1 3.0 •2 52 30 31 31 48 35 .4 4.1 36 6/ 3 .9 4.1 49 44 96 46 .6 5.1 53 5 G 53 2.8 1.3 -1 38 38 52 38 38 10 -4/ -5 1.9 2.9 -1 -7 1.9 1.4 31 93 45 -:/ -9 4.1: 38 38 44 36 -1-/-11 3.4 -1./-13 1.8 17 17 17 31 -14/-15 1.2 18 18 33 18 1//-17 1.6 51 15 15 15 <u> -1:/-19</u> _ **8**i -../-21 . 3 33 Element (X) • No. Obs. Mean No. of Hours with Temperate Rel. Hum. 2 0 F s 32 F # 67 F | # 73 F | # 90 F Dry Bulb Wet Bulb Dew Point

73-82

0.26.5

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY ATP WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK 73-82 YEARS STATION 0000-0200 HOURS (L. S. T.) PAGE ? WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 • 31 D.B./w.B. Dry Buth Wet Buth Dew Point 1-25 24 24/-27 19 19 /-31 7/-33 5 34/-35 • 5 -31/-37 •1 3 ./-39 /-41 42/-43 1:4/-45 /-51 TOTAL 30.348.814.5 3.2 2.6 930 930 930 1 ž x Element (X) ZX' No. Obs. Mean No. of Hours with Temperate Rel. Hum. 3576414 7.514.998 1 32 F +67 F | +73 F 55936 930 10F Dry Bulb 260906 6950 930 30.7 89.8 93 33.D 92.5 52.9 93.0 5.913.721 Wet Bulb 207307 5491 930 93 930 Dew Paint 250630 -376Q 93

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

7 2650 EIELSON AFB AK STATION NAME

PSYCHROMETRIC SUMMARY

Temp.	!				WET	BULB TE	MPERA	TURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0 1 . 2	3 - 4	5 - 6	7 . 8	9 - 10	11 - 12 1:	3 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22 23	- 24 25	- 26	27 - 20	29 - 30	₽ 31	0.8./W.S.	Dry Bulb		Dew Pei
4 / 45	·	•				• 3,							1				3	3		
44/ 43						• ź.	-				:	i					2	2		i
52/ 41	•	•			• 1												1	1	Ī	
40/ 39				. 2			:				1	1	i				2	2		<u> </u>
31/ 37		•		.6	•	i	-										6	6	!	
3LZ 35			• 2.	_				i					i				7	7	. 1	<u> </u>
34/ 33			-3			-							ī				4	4	4	
:2/ 31	- 5	1.	.5.			1		Į				i	i		i.		14			
31 / 29	•1	- 9	. 5	. 1		-						i.			,	1	15	15	16	į
2 / 27	. 1.1	1.0	. 3.				i	!					1			i	2.2	22	9	11
71/ 25	• 3	. 8	• 2			-											12	12	25	
24/ 23	-1 1-6		.1						i		i i		1		i L	ĺ	19			
. 2/ 21	.2 1.9		. 3										1				37	37	33	
2 / 19	-1 4-0	1.7	• 2			1							- 1			!	56	56	31	11
1 1 17	.1 2.6																3 3	33	5.3	2:
1:/ 15	3.4					1	i						ļ			, I	38	38	34	3
1-/ 13	.3 2.5	.9			+										. —		34	34	42	34
17/ 11	. 5 3.0						1								I	i	4.5	45	31	4.5
1./ 3	1.3 3.1				·			- 1									45	45	53	
/ 7	.9 4.7						į	i								Ì	5.3	5.3	56	27
1/ 5	.3 3.4				••												36			35
1/ 3	1.0: 3.4						1						1		!		41	_41	45	31
. / 1	.0 4.0						"						1			!	45	45	47	6
/ -1	2.5 1.5						- 1	1			: :		1				37	37		_ 41
- / -3	1.4 2.9											1					40			4
-4/ -5	1.9 2.4						i				i i	i	1		:		4.0	90	39	39
	2.4 1.0				1			1			1		1				31			
- 1 -9	4.5							į	i		. i		1			į	4.2		1	3.3
1/-11	4.4				1											ĺ	91	41	41	27
1.7-13	1				: 1	İ											23	23	_	21
14/-15		 +			•												21	21	21	
14/-17		† į	ļ		.	i		1				1	i				29	29	1	
10/-19	2.2	· · · · · ·			1												20			
. / -21	-9	: :	į		i !		i	İ					i				R	В		_ 2
Element (X)	2 1'			ž g	<u> </u>	X		Τ,	No. Ob	6.				Meen I	to. of H	ours will	h Temperat	lure		
Rel. Hum.								\top			10F	s 32	F	± 67	P .	73 F	- 80 F	• 93	•	Tetel
Dry Bulb								\top					一						\neg	
Wet Bulb	·							\neg				1					<u>† </u>			
Dew Paint					_												1		1	

0-26-5 (OL.A) HYMED MEYDUS EDITO

SAFETAC POR

GLOBAL CLIMATCLOGY BRANCH DUAFETAC A' FEATHER SERVICE/MAC **PSYCHROMETRIC SUMMARY** 7 2550 73-82 ETELSON AFB AK 7370-0500 HOURS IL. S. T.) PAGE 3 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 1 . 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Daw Point 38 2/-23 • 1 24/-25 1-27 19 1-29 _ /-31 • 5 27-33 -34/-35 17 -3:/-37 7-39 1 /-41 2/-43 -14/-45 -4 /-47 -4 /-49 7-51 930 733 TUTAL 36-347-510-8 2-8 1-9 (₹ **●** ₫ Element (X) 3638193 242344 56513 4686 3427 5.015.344 930 930 Rel. Hum. 10F s 32 F 36.0 90.5 Dry Bulb 930 3.714.122 37.5 92.5 197911 93 Wet Bulb 93 -5670 930 93.0

GLURAL CLIMATOLOGY BRANCH USAFETAC ATA FEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

7 2655 STATION	EIELSON AFE	STATION N	AME		73-	02			YEARS					A FL
											PAS	E 1	D D D D D	-0800 (. s. v.)
Temp.			WET BU	LB TEMPERA	TURE DEPRE	SSION (F))				TOTAL		TOTAL	
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8	9 - 10 11	- 12 13 - 14 1	5 - 16 17 - 18	19 - 20 2	1 - 22 2	3 - 24 25 -	- 26 27 - 28	29 - 30 - 3	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poin
4 / 45				• 3			1		!!!		3	3		
41			1_							i	1	1		
46/ 30		• 1				1			i i	ľ	2	2		i
<u> </u>		•1. •5	·								6	- 5		-
_ / 35		• 6							!!!		5	6	3	
3-/ 33		1	2,			<u>_</u>		i	+ +	+		3,		— —
2/ 31	•3 •3	• 6 • l			1			:		!	1 3]
7 27			• • •		-					+	15			•
. / 21 [(/ 25]	1.0 1.4	• 4							1		26		11 27	
21/ 25	1.1 .9 1.0 .4		•							+	13	. 21.	26	- 3
$\frac{2}{2}$	1.8 1.6								1 1				22	
/ 17	•2 4•0 1•7		·····								5.5		43	18
1 / 17.	•3. 3•3. 1•4.										. 44		46	
1 / 15	•1 3•2 •2			• •		-		+ -	++		7.3		45	,
1 / 13	.1 2.7 .4										1 30		36	
$\frac{1}{1}$	•4 3.6 1.9								, ,		46			
1 / 9	6 4.5 .8									i	5.5		4.6	
7 7	1.3 2.6 .1									Ţ	34		57	
/ 5	.9. 2.4.			1 1						1	30		34	
2/ 3	•6 3•9										42	42	46	50
	. 5. S. 3			<u>_</u>							. 54	54	46	56
/ -1	2.2 1.7			1	· :	i					36	36	96	36
- / -3	1.3, 3.7.										46	46	38	
/ -5	2.4 2.3								1	}	43	43	49	39
/1 .	_3.6. l.5					∔		- i	-		4.7	4.7	56	
/ -9	3.9									ļ	36		41	
<u> /-11 </u>	3.7										34		34	1
1 /-13	2.3		I	ŀ					1 1		21		21	
1:/-15.	_2.3				+- +						21	21	21	
1 /-17	2.4		i	i			İ				22		22	:
1:/-19.			•								19		19	
1/-21	• 9		:	1		1					8	8	8	,
2/-23 Element (X)	2 x 1	2 1	<u> </u>	7.	No. Ob	_ +			Mana M	a, af Haws :	with Tempere	<u>. 31</u>		<u> </u>
Rel. Hum.	~ X.		 *			-	2 0 F	1 32				- 73 5		Total
Dry Bulb					+			 •••		· +		+		
Wer Bulb			+		+	+		+		+		+		
						 -		+			 -			

USAFETAC FORM 0-26-5 (OL.A) REVIND REVIOUS EDITIONS OF THIS FORM ARE OBSOLUTE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/HAC PSYCHROMETRIC SUMMARY 7 2550 ETELSON AFB AK 73-82 MAP PAGE 3 3630-0830 HOURS ((. s. T.) WET BULB TEMPERATURE DEPRESSION (F)
0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 - 3 TOTAL TOTAL

O.B. W.B. Dry Bulb Wet Bulb Dem Point Temp. · /-25 3 3 31 1-27 24 1-29 2 14 /-31 8 2/-33 -34/-35 · · · / - 39 /-41 6 - 2/-43 -: 4/-45 -4 /-47 -4 7-49 /-51 TOTAL 37.050.211.0 2.3 .0 .4 930 050 929 929 1 (OL A) 0.26.5 11 Element (X) ZX Ŧ No. Ghs. Moon No. of Hours with Temperature 3636666 242133 4.915.385 929 930 Rel. Hum. 56578 2 0 F ± 32 ₱ Dry Bulb 36.6 90.9 93 38.7 198727 Wet Bulb 3357 3.614.180 929 92.7 93

929

-6.116.151

-5670

Dew Point

276692

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

7 2650 EIELSON AFB AK STATION HAME

PSYCHROMETRIC SUMMARY

2/ 21 2.2 2.8 6 52 52 49 / 15 23 3.1 2.3 3.3 55 55 35 1/ 17 3 2.0 1.0 1 32 32 58 1/ 15 2 2.3 1.0 32 32 33 1"/ 13 3.2 .9 38 38 27 1./ 11 6 3.9 1.9 51 51 51 51 51 1/ 7 3 6.2 .3 69 69 69 69 69 66 1/ 3 9 4 9.3 50 50 72 72 74 73 74 <td< th=""><th>2/ 21 2 · 2 · 2 · 2 · 8 · 6 52 52 49 / 15 .2 · 3 · 1 · 2 · 3 · 3 55 55 55 35 / 17 .3 · 2 · 0 · 1 32 52 58 35 // 13 3 · 2 · 0 · 9 38 38 27 // 11 .6 · 3 · 9 · 1 · 1 58</th></td<> <th>2/ 21</th> <th>•3 43 43 43 •3 29 29 51</th> <th></th>	2/ 21 2 · 2 · 2 · 2 · 8 · 6 52 52 49 / 15 .2 · 3 · 1 · 2 · 3 · 3 55 55 55 35 / 17 .3 · 2 · 0 · 1 32 52 58 35 // 13 3 · 2 · 0 · 9 38 38 27 // 11 .6 · 3 · 9 · 1 · 1 58	2/ 21	•3 43 43 43 •3 29 29 51	
2/ 21 2.2 2.8 .6 52 52 49 / 15 .2 3.1 2.3 .3 55 55 55 35 1/ 17 .3 2.0 1.0 .1 32 32 58 1/ 15 .2 2.3 1.0 32 32 43 1"/ 13 3.2 .9 38 38 27 1./ 11 .6 3.9 1.4 51 51 96 1/ 7 .3 6.2 .3 58 58 48 1/ 5 5.3 .1 58 58 48 1/ 5 5.3 .1 50 50 72 1 3 4 4.3 94 44 53 1 -1 1.9 1.3 30 30 54 -/ -3 .6 2.9 33 33 28 -/ -7 .9 .8 15 15 20 -/ -7 .9 .8 15 15 20 1 -/ -1 .9 7 7 7 1 -/ -1 .9 7 7 7 1 -/ -1 .9 7 7 7 1 -/ -1 .9 3 9 7 1 -/ -1 .9 3 9 7 1 -/ -1 .9 3 9 7 1 -/ -1 .9 3 9 7 1 -/ -1 .9 3 9 7 1 -/ -1 .9 3 9 7 1 -/ -1 .9 3 9 7 1 -/ -1 .9 3 9 7 2 9 7 9 .8 3 9 7 3 9 7 9 3 9 7 4 9 9 7 7 7 7 5 1 1 1 2 0 7 7 7 6 1 1 1 2 0 7 7 7 7 7 7 7 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 </td <td>2/ 21</td> <td>2/ 21 2.2 2.8 .6 52 52 % / 1/2</td> <td></td> <td></td>	2/ 21	2/ 21 2.2 2.8 .6 52 52 % / 1/2		
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CL: BAL CLIMATOLOGY BRANCH

A18 REATHER SERVICE/MAC

SSAFETAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 STATION YEARS 3900-1100 HOURS (L. S. T.) PAGE 2 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.S./W.B. Dry Bulb Wet Bulb Dew Point -1 /-19 24 7-21 22 2/-23 13 1 1 -2-/-25 1-27 •1 1 £ 1-29 8 **7-31** 5 2/-33 30/-35 -3:/-37 ---/-41 -5:/-43 -: 4/-45 2 - /-51 1 1011 13.952.721.6 7.9 3.1 1.4 930 933 930 930 No. Obs. Element (X) 52878 11851 930 930 Rel. Hum. 10F 1 32 F +47 F +73 F +00 F +93 F Dry Bulb 16.7 86.1 10.512.460 19.8 91.7 46.2 93.0 930 246070 9732 Wet Bulb 930 Dem Paint ~306

USAFETAC 100m

ELEBAL CLIMATOLOGY BRANCH USAFETAC ATO BEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK PAGE 1

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GLOBAL CLIMATOLOGY BRANCH OSAFETAC PSYCHROMETRIC SUMMARY ATE SERVICE/HAC 7 2650 STATION EIELSON AFB AK 73-82 MAR 1200-1460 HOURS (C. S. T.) PAGE 2 TOTAL TOTAL D.B./W.B. Dry Sulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 -1./-17 11 1./-19 17 1-21 15 2/-23 8 -2 -/-25 : J-27 -2 /-29 2/-33 -3-7-35 930 *.732.630.219.0 8.5 4.5 .1 93C 930 930 0-26-5 (OLA) Element (X) ZX 47169 19732 15583 50.714.002 20.513.130 16.811.172 2574517 549638 10F 132F 6.3 73.3 930 930 Rel. Hum. #47 F #73 F #80 F #93 F Dry Bulb 93 377059 Wer Bulb 930 87.2 3931 930

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

7' 2550 EIELSON AFB AK
STATION NAME

PSYCHROMETRIC SUMMARY

1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 a 31 D.8 /W.S. Dry Suit Wet Suit Dew Point 2/ 51 • 1 4 / 47 4 / 45 1.2: 12 . 8 12 44/ 43 - 4 .3, 2.7 2/ 41 35 43/ 39 .9 3.6 .9 50 50 3 / 37 -2 1-2 1-6 .3 1.5 1.7 39 39/ 33 30 4 1.7 30 54 53 57 127 31 .4 1.1 3.1 1.9 53 30/ 29 .2. 1.4. 2.2: 1.1 .3 1.2 2.6 .4 42 42 44 5 2.1 27 50 1.2 2.3 2.2 €/ 25 49 33 14 33 24/ 23 60 .6 1.6 1.2 2/ 21 45 1.4 3.3 1.1 54 50 .1 1.8 3.0 2.0 65 65 51 59 55 1.1 2.3 1.9 2.9 36 36 52 60 46 1./ 46 69 14/ 13 2 3.7 3.9 72 12 11 2.5 2.3 4 4 44 54 2.5 1.3 50 7 50 43 .1 1.3, 1.7 26 26 2.5 .1 24 24 97 18 18 47 20 20 42 2.2 . / -1 . 42 .3; .5 8 22 54 20 -4/ -5 3 35 -1 . 2 -11 -7 -1/ -9 28 -1 30 -1./-13 25 Mean No. of Hours with Temperature Element (X) Rel. Hum. Dry Bulb Wat Bulb

73-82

O-26-5 (O1 A) service remous semiors or n

USAFETAC PO

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATE MEATHER SERVICE/MAC 7 2650 EIELSON AFB AK 73-82 YE ARS STATION NAME 1500-1700 HOURS (C. S. T.) PAGE ? WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 D.B./W.B. Dry Bulb Wet Bulb Daw Point 0 13 1 -1./-17 1 -1 /-19 1-21 13 . 2/-23 7_ -2:1-25 4 -2-/-29 /-31 2/-33 35/-35 TOTAL 1.929.729.223.712.6 4.8 .5 929 929 (torions or 1 NOW 0-26-5 (OLA) Element (X) X No. Obs. Rel. Hum. 2418253 45471 48.914.407 929 1 32 F ≥ 67 F = 73 F > 80 F 611582 20638 22.212.858 930 4.5 70.9 Dry Bulb 6.0 84.0 32.7 93.0 18-110-871 93 16800 929 Wet Bulb 413454

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GLUBAL CLIMATOLOGY BRANCH USAFETAC ATE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

. 74

7'2650 EIELSON AFB AK
STATION STATION NAME 1800-2000 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 0.8-74.8. Dry Sulb Wet Sulb Dow Point 2/ 51 5 / 49 4-/ 45 1 14/ 43 . ? • 2 2/ 41 . 6 11 11 46/ 39 13 3:1 37 1.9 .3 . 3: 24 24 •1. •5. 2•3. •5. •8 •9 1•2 •8 21/ 35 34/ 33 33 33 19 <u>2/ 31</u> -9 <u>.4. 1.6. 3.1.</u> 35. 44 46 1 27 11 .3 2.2 .9 41 • 1 32 32 20/ 27 .6, 1.8, 1.0 .1 1.4 1.8 1.0 41 41 63 7 24/ 23 32. 32. 47. .5, 1.8, .9. . 2/ 21 41 25 58 58 .4 2.2 2.9 .1, 2.9, 2.5, 5.7 57 49 62 . 6, 1 / 17 2.5 2.5 48 34 3.1. 2.4 51 54 37 1./ 15 61 59 34/ 13 .4 1.9 2.5 45 45 53 65 .6. 2.7. 2.4. 53 9.3 1 / 3.3 1.5 42 49 37 4, 3.2. .5. 57 .3 4.2 44 44 52 36 4/ 4, 4.6 41 41 9.5 4.9 ./ 1 .2. 3.4 34 34 40 59 34 1.3 1.4. 34 -21 -3 24 24 21 45 .5, Z.O 25 35 1.2 1.7. 23 -1./ -7 . 5 12 12 47 -:/ -9 27 -1:/-11 32 .4 -1:7-13 23 باقع 36 -1"/-15 - 1 1 Element (X) Ħ No. Obs. Mean No. of Hours with Temperature 10F ± 32 F ≥ 73 F + 80 F + 93 F Dry Bulb Wet Buib Dew Point

73-82

0-26-5 (OL A)

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GLOGAL CLIMATOLOGY BRANCH USAFETAC ATO WEATHER SERVICE/MAC

7 2550 STATION

EIELSON AFB AK

PSYCHROMETRIC SUMMARY

																		PAG	€ 2	1600-	· 2000 · \$. T.1
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Element (X)		Z X'		+	ZX	7	X	-	┪	No. Ob	. 		—	<u> </u>	Moon	No. of H	ders wit	h Tompero	turo	·	
Rel. Hum.			5011		511	43	55.0	15.4		9	30	10F	\top	s 32 F	+ 67	P (73 F	• 00 F	+ 93	FT	etel
Dry Bulb			0326		152	60	16.4	13.5	25		30	11.	2	80.7	1						93
Wet Bulb			4105		126			11.9		9	30	13.	_	89.9							93
Dew Paint			1072		20			14.1			30	39.		93.0				1	+-		93

USAFETAC NOM 0-26-5 (OLA)

GLCBAL CLIMATOLOGY BRANCH UCAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 MCITATE	EIELSON	AFB A	K STATION I	AME				73-	82			YEARS					M	A R
															PAGE	1	2100 ·	-23 <u>nn</u> (. s. v.)
Temp.				WET	BULB	TEMPE	RATURE	DEPRE	SSION ((F)					TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4 5 - 6	7 - 8	9 - 10	11 - 1	2 13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24 25 -	26 27 -	28 29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pain
c. / 49						3									3	3		
4 / 45			į								l				1	. 1		
"4/ 43			:	1											2	2		
127 41		•	2. • Z		:	1	1			1_1		i	i		4	9		
4 / 3			3 .4	-1	-										8	- 8		
3 / 37			3 8	1	į	1								i	10	10		
35/ 35		•3	3 .6	,		!	1								12	12	6	
34/ 33	.5	.2.			ļ	i	i			<u> </u>	ii				18	18	10	
72/ 31		1.1 1.			1			1						1 -	27	27	18	
31/ 29		1.6.1.		.1	:	1	1 .			ا لــــــــــــــــــــــــــــــــــــ			Ĺ		33	33	18	6
2. / 27	• B	1.6 .	8			Ī	1								29	29	32	6
11 25	. 1.2.		1:					i							26	26	33	5
24/ 23	2.0	1.0	4		1				_						32	32	46	12
2/ 21	.2. 2.7			1		1	1	1				1			52	52	50	.13
2 / 19	.1 3.7					1				i				1	64	64	31	29
1./ 17	43. 3.7.	.9.		:		1	1			L L					45	4.5	60	46
1// 15	-1 1-8	•9	1	1	•										26	26	60	42
15/ 13	.4. 1.8.	1.4				.i	İ	1		i	i				34	34	29	5.2
1 / 11	.9 2.8	1.8					T -			i .					50	50	35	41
14/ 9.	.3.4.7	•5				i	1	1				1			5.2	52	48	39
17	.4 3.4	• 3											- 1		39	39	54	44
1/ 5.	4. 4.8	1				1	1	1		ii			1		50	50	46	28
4/ 3	•5 5•0														51	51	52	38
// 1	.4.4.2					1	ļ	ļ.		i 1	j]			4.7	47	51	65
: / -1	2.3 1.2					1									32	32	5.0	37
-:/ -3	. 5, 3.Q.			1		1	l	l l							33	33	29	93
-4/ -5	1.5 3.2			1		7							T	T	9.9	44	38	37
-6/-7.	107.109.				<u>. </u>	1				11					39	34	45	42
- / -9	2.4			1		7									22	22	29	35
-1-/-11	1.6.				1	!					i		1_		17	17	17	36
-1//-13	. 4]								4		4	26
-19/-15			i			1	<u> </u>			11					5	5	5	3.0
-1./-17	-1			1	1										1	1	1	38
-14/-19	3		<u> </u>	<u>. </u>						$\perp \perp 1$		<u>i</u>			3	3	3	26
Element (X)	Z _X '		ZX		X	•,		No. Ob	6 .			Med	n No. e	Hours wi	th Temperet	40		
Rel. Hum.										2 0 F	# 32	P .	67 F	≥ 73 F	+ 80 P	a 93 (P 1	retel
Dry Bulb																		
Wet Sulb																		
Dow Point															1	1	7	

GLOBAL CLIMATOLOGY BRANCH USAFETAC ABR BEATHER SERVICE/MAC EIELSON AFB AK

PSYCHROMETRIC SUMMARY

STATION				5	TATION N	AME				-				YE	ARS		_			MON	TH
																		PAG	E 2	2100-	
Temp.						WET	BULB	TEMPER	RATUR	E DEPR	ESSION (F)						TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow Par
/-21	•2		1	1			•	1										2	2	5,	21
2/-23	. 4	ļ			1			1	1	1				-	·	{	ĺ	4	4	4	2.0
2-1-25	•1		+	•	<u> </u>		ļ	+	1	1	1			1				1	1	1	24
2-1-27	• 2		:				!			1	1			1	1		ł	2	2	2	9
2 /-29	•2		+	•			 		1	1						1		2	2	2	4
///-31 1	• 5						i	!						1	1	}	1	5	5	5	2
2/-33	• 3						 		†	1	1			 				3	3	3	2
30/-35					ı		ì		:				i l		1	į	I	į	1	i i	3
3-1-37									-	† –	1			1	1		1		:		3
J-1-39											1			1			ļ				3
/-41			+				†		 	 	1	1		+			1	†		1	<u></u>
42/-43							:		-	!					İ		1				1
14/-45			 	•	-		1	 	 		!	!					+	+		 	2
7-51								ł	1	1				ļ	i	,	1	:	:		10
	16.2	53.9	18.4	5.8	2.5	• 2	• 2	. 3				 		+			+	•	929	+ - +	929
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Element (X)		Z g'		+	Ex	T	X	•	+	No. O	bs.		—-		Mean I	No. of M	laura wit	h Tompore	ture		
Ret. Hum.			0442		547	26	58.9	15.2	78		29	101	•	s 32 F	= 67		73 F	- 00 F	× 93	F 1	etel
Dry Bulb			7383		105	05	11.3	14.2	56		29	21	• •	87.2		\Box					9 3
Wet Bulb		23	55338		86	64	9.3	12.9	04		29	24		91.4		\Box					93
Dew Paint		21	15137	1	-8	75	9	15.1	97	9	29	46	• 3	93.0		\Box					93

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

MCITATE	EIELSON AFE	STATION NA	ME			73-82		Y	EARS				MON	TH
											PAGE	1	HOURS (. S. T.
Temp.						DEPRESSION					TOTAL		TOTAL	
(F)	0 1-2 3-4	5 - 6 7 - 8	9 - 10 1	1 - 12 13 - 14	15 - 16	17 - 18 19 - 2	0 21 - 22 23	- 24 25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow P
2/ 51				. 1	.0	ı) j)	j	5	5		
49,				1		 			I		<u> </u>	9		
· / 47		,	- 1	•1	ı:						16	16	Į.	
10/ 45.			2,_	-2	+		+				32	32		
4/ 43		• C • 2	• 2	• 1	İ					-	33	33	i	
2/ 41		.15	- 4		+	 			 		80	BD,		
10/ 39	-1	•3 1•0	• 3		1					-	117	117;	ì	
37.	-	7,9,	-2		+	++	+	-	}		144	144		
6/ 35	•1 •3	1.1 .7	• 0	:	1	1					163	163	-	
32.	<u></u>	<u> 8 4</u>	-1		+				 	_+_	147	147		
2/ 31		1.8 .4	• 0		:	: i		!	1 1	1	264	264: 235:	193 ¹ _250:	
0/ 2					+	 	+ +		 			259		
21 27	.3 .9 1.4	1.1 .1		1	1	1		ł			259	259	330	£
1/ 25.	0, 1.0, 1.6.				i -	+ +			 	+	205	205	335	
24/ 23 12/ 21	•1 1•1 1•1 •2 1•8 2•4	•5] •6]		-	ł	1	1	ļ		i	362	362	341	1
1/ 19	•1 3•1 2•5	•5			+	+	+		 		465	465	315	26
1 17	•2. 2•2. 1•6.	.2				1		1	1		312	312	442	32
11/ 15	•1 2•6 1•4	- 3			 	 	· 		1		307	307	387	35
14/ 13	•2. 2•9. 1•7.	• 0	i		1	;	i :	į	!		356	356	315	38
1./ 11	.6 3.0 1.7				!	1-1-					392	392	369	36
5	.3. 3.7 1.2			1	1		i i	ı		İ	392	392	413	_25
/ 7	4 3.4 .5				 						322	322	457	33
/ 5	•3, 3•7, •1,			ĺ				j			304	304	361	26
1,1 3	.5 3.6										304	304	353	3
7 1	5. 3.9.	1 1			1						321	321	317	46
/ -1	1.9 1.2	-									223	223	320	3;
-1-3	3, 2.5	·		L_	<u> </u>						250	250	220	_ 3:
-4/ -5	1.3 1.9			_ [238	238	243	31
-1 -1.	1.4 1.0								 		180	180	240	_25
- / -9	2.2			!				:			163	163	197	24
1:/-11.	1.8				 	 			├	4	137	137	137	2
1/-13	1.1	1						1	!		8.3	8.3	83	21
15/-15	1.0				<u> </u>	حليبا			<u> </u>	1.00	78	78	78	_2
lement (X)	27,	2 1		<u> </u>	-	No. Obe.	+	T			th Temperate			2-1-1
tel. Hum.							107	1 32 F	≥ 67 P	- 73 F	- 80 P	- 93 F	<u></u>	etel
Dry Bulb					-+		 		 	├ ~─	+	 		
Vet Bulb			+-		_+_			 	 	 	 	+		
Dew Point							<u> </u>	ـــــــ ک	L	L				

7

SAFETAC 100

GLUSAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY US AF ETAC ATR WEATHER SERVICE/MAC 7 2550 EIELSON AFB AK 73-82 STATION NAME PAGE ? TOTAL Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 + 31 Wet Bulb Dew Point 249 -1:/-17 1.0 /-19 /-21 . 8 222 31 31 31 167 . 4 2/-23 16 145 2 1/-25 19 137 • 3 2//-27 -2 /-29 11 71 11 11 39 ·/-31 • 3 20 2/-33 10 10 16 41 • 1 -34/-35 47 . 1 -3 /-37 34 • 1 19 22 /-39 7-41 2/-43 -747-45 23 -41/-47 11 -4 /-49 7-51 30 13.744.820.4 9.4 4.6 1.5 7439 7437 7437

No. Obs.

7437

7439

7937

Mean No. of Hours with Temperature

⇒ 93 F

Terei

744

744

799

163.4 669.4 180.0 721.9 363.6 744.0

M 0.26-5 (OL.A) HVISID MENTOUS EDITIONS OF

USAFETAC PORM .

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

25512688 2967023

2180001

1753600

93471

75689

-5668

56.515.326 12.615.524

19.213.769

SECBAL CLIMATOLOGY BRANCH UDAFETAC ALC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

. 14

7: 255C EIELSON AFB AK STATION NAME 73-82 APR PAGE 1 3000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 5 / 49 • 1, 4. / 47 4.7 45 . 1 • 2 4/ 43 -27 41 16 16 44/ 34 •2. .1.1.2. 26 26 3 / 37 .6 1.6 1.4 • 3 39 39 . 2.9, 2.2, 29 34/ 33 1.8 3.8 1.2 63 63 46 12/ 31. a2, 4a2, 6a3, 2a8, 123 69 24 .4 2.2 4.9 1.1 7 / 29 78 78 102 27 2:/ 27 3.2 4.6 .4 100 72 21/ 23 ·1 3·1 2·2 ·1 50. 50 74 46 . 2/ 21 2.7 1.6 41 75 41 56 2 / 19 ·4. 3·D. 3·2 40 1 / 17 .2 1.4 1.5 • 3 32 1 / 15 •1 •8 <u>2•1</u> 52 67 1 / 13 1.4 .8 20 25 20 65 1.7 11 1.6.1.3 27 1 / 1.6 .2 16 16 27 21 •1, 1•3. •7. 20. 24 • 2 9 9 16 15 1.2 11 1 1.7 15 15 11 40 <u>. 4.</u> . 3. 17. 23 - 1 -3 2 2 18 -1/ -5 - / -7 2 20 -:1 -9 15 -1 /-11 **a** 3 -1./-13 2 -14/-15 - 1 16 1:11-17 Zx' Element (X) IX Mean No. of Hours with Temperature + 67 F + 73 F + 90 F Rel. Hum. 5 0 F 2 32 F Dry Bolb Wet Bulb Dow Point

-26-5 (OLA) revise nevious enrions of this folk are or

٠.	23	AL	CLIMA	TOLOGY	BRANCH
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PSYCHROMETRIC SUMMARY

7 2550	EIELSON AFB AK	73-82	APR
STATION	STATION NAME	YEARS	MONTH
		PAGE ?	0000-0200

·····																					(. S. T.1
Temp.					, , , , , , , , , , , , , , , , , , , 	WET	BULB	TEMPE	RATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24	25 . 26	27 - 28	29 - 30	* 31	D.8./W.B.	Dry Sulb	Wet Bulb	Dow Poi
1./-19		1					,		ļ			i			l i		1				1
/-21			i						<u> </u>	<u> </u>										<u> </u>	3
2/-23								1-												Ţ	4
2:/-25.								:	İ		ł	l i		1 1			ł			1	7
2 1-27		-	•				•		•	 										, ,	2
STAL	3.5	37.1	42.2	213.0	3.1	1.0	ľ				i			}					000	ı'	900
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Element (X)		2 %			2 1	35	<u> </u>			No. Ol								h Temperer			T
Rel. Hum.			380		557	<u> </u>	61.9	14 - 5	5/		00	10F		32 F	* 67	<u> </u>	73 F	- 00 F	b #3	P	Tetel
Dry Bulb			154		227	<u> </u>	23.4	10.4	56		00	2.	_	69.0				 			90
Wat Bulb			430		199		22.1	9.5	99		00	3.		61.4				 	1 -		90
Dew Point		29	919	Si .	120	8.8	13.9	12.3	38	9	00	14.		89.8	i	- 1		ı	1	ì	90

JSAFETAC 2000

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR HEATHER SERVICE/MAC

7 2650 EIELSON AFB AK
STATION STATION NAME

PSYCHROMETRIC SUMMARY

Temp.					WET	BULB '	TEMPER	RATURE	DEPR	ESSION (F)						TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 28	29 - 30	× 31	D.B./W.B.	Dry Bulb		Dew Poi
5 / 49					• 1			1	† — —								1	1		
4:/ 47:						3	!	!	}	1	!						7	Ŷ		1
41/ 45				• 2			-	!		<u> </u>							2	5		
4/ 43	i		. 2	. 7	1	i i	1	İ	1	1								0		
·.2/ 41			• 7	• 3	.1					— —							10	12		1
40/ 39		-4	- 4	• 2	.1	:	:]	!	!					ļ	11	ii.	1	
3 / 37	- h	1.2	• 1	• 2		-	†	!		1						_	19	19	8	
3 / 35	1.8		9.	1		:	1		1	(:					1	38	38	25	1
3"/ 33		3.2		•1			 	†	!								60	63		
.2/ 31.	.4: 3.6			• 1			1					1					94	94	46	1 15
<u>. 47 34 .</u> 3. 7 29	•6 3.7		<u> 693,</u>					!	†	!	-		 				76	76		3.3
2. / 27 .		2.9	-1					:		i				1			59	59:	75	
2:/ 25	•3 3•7		•3			, ——	<u> </u>	 	 	+							65	65	102	
24 / 23 .	•2 3•3		• 3		1		!	}	ļ		i						47	47	69	
						•		 	 	+	 						70	70	63	
2/ 21	•7. 4•7		• 1					1		i		i		,			1			
15.	-7, 5.4		-2						 	+							68	68	71	9
1'/ 17		2.3	• 7				İ	İ				ļ		i			56	56	63	
1./_15_	<u>-4, 1.7</u>																31		37	
14/ 13	•1 •8	. • 7				I	i		1					1			14	14	40	75
1./ 11.	2.4	Led.				·		ļ								<u> </u>	31	- 31	19	
1 / 6	.1 1.3	• 8					i					1		í			20	20	31	3
	1.4	3_					<u> </u>	}	├							-	16	16	30	21
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GLOPAL CLIMATOLOGY BRANCH USAFETAC Ale WEATHER SERVICE/MAC

7 2650 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

PAGE 1

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Dew Paint

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** OS AFETAC ATR WEATHER SERVICE/HAC 7 2650 EIELSON AFB AK 73-82 3638-0800 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point -1//-17 1 -1:/-19 -:/-21 -:2/-23 -24/-25 -5 /-27 -7-1-29 4.035.539.014.0 5.7 2.3 900 897 897 897 ಠ 0.26.5 Element (X) Rel. Hum. 35532<u>07</u> 715706 54831 23022 61.119.998 897 900 10 P 1 32 P 2.4 62.6 Dry Bulb 90 22.310.616 20009 11995 Wet Bulb 547309 3.4 76.1

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GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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GL09AL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC ATE WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK 73-82 YEARS 0930-1100 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1. 2 3. 4 5. 6 7. 8 9. 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point - / -3 14 -4/ -5 20 - / -7 - / -9 12 -1 /-11 -1:/-13 -1-/-15 -1:/-17 -1:/-19 900 TOTAL 1.0 9.127.824.717.411.8 5.9 1.6 898 898 898 10 PROPERTY 0.26-5 (OLA) Element (X) 48.914.846 34.011.155 28.1 9.022 2345374 1149623 Rel. Hum. 43916 898 1 32 F 30561 900 39.7 Dry Bulb 98 57.1 Wet Bulb 780463 25205 8 98 90

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7. 2650 EIELSON AFB AK STATION NAME

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** ATH MEATHER SERVICE/MAC ETELSON AFB AK 73-82 APR PASE 2 1233-1400 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK 73-82 YEARS MONTH

PAGE 1 1500-1700

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M 0-26-5 (OL A) REVISED PREVIOUS EBITIO

SAFETAC rom

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY LUAFETAC AIR WEATHER SERVICE/MAC ETELSON AFB AK 73-82 STATION NAME 1500-1700 Hours (L. s. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31 D.B./∀.B. Dry Bulb | Ver Bulb | Dew Point 11 30 1/ -1 11 -// -3 9 -4/ -5 1 4 -) /-11 6 TOTAL .1 4.0 7.219.423.621.612.1 7.6 3.0 1.1 900 200 900 900 PHIS FORM A MEYICUS EDITIONS OF Í 0-26-5 (OL A) Element (X) Ī No. Obe. Mean No. of Hours with Temperature 39.713.687 +67 F = 73 F = 80 F = 93 F Rel. Hum. 1587139 35733 900 10F 1 32 F Dry Bulb 1561437 36337 40-410-245 900 21.9 90 32.0 7.662 16.5 9.566 900 90

900

41.6

87.2

Wet Bulb

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28818

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GLOPAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY ATR WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK APR 73-82 STATION STATION NAME 1800-2000 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 * 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 23 17 13 -4/ -5 14 -./ -7 7 -r/ -9 1/-11 -1 /-13 -14/-15 -1 /-19 TOTAL .3 5.215.828.722.116.3 7.0 3.0 1.3 960 900 900 900 (0-26-5 (OL/ Element (X) No. Obs. Mean No. of Hours with Temperate Rel. Hum. 40514 33259 1998630 45.013.947 900 1 32 P # 47 F # 73 F # 90 F # 93 F 37.010.196 30.1 8.024 Dry Bulb 1322525 900 30.4 900 51.2 Wer Bulb 871785 27065 90 Dew Point 336227 14835 16-510-099 900

GLOBAL CLIMATOLOGY BRANCH USAFETAC AI- WEATHER SERVICE/HAC

7. 2650 EIELSON AFB AK
STATION NAME

PSYCHROMETRIC SUMMARY

PASE I

APR

2100-2300 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 231 - 1 _____57 5./ 55 • 2 3 3 4/ 53 • 2 27 51 . 3 5 5 53/ 45 4 / 47 • 7 .6! 14 4 / 45 -4 .8. 16 16 4/ 43 •2 •3 1•0 - 2 16 16 27 41 .6. 2.9 1.8 48 48 46/ 39 ·4 1.2 2.3 2.0 - 1 55 55 23 3 1 37 -3, 1-6, 3-7; 1-1 30, Te/ 35 1.0 2.3 4.4 1.4 9 33 83 52 34/ 33 1.7. 3.1. 3.1. .9 7.9 12 70 13 2/ 31 1.7 5.0 4.1 100 100 97 28 1 23 2.3, 3.7, 1.9, .1 1.7 3.3 2.1 65 65 101 5/ 25 .1 1.4 4.0 1.4 83 63 63 61 24/ 23 1.3 .8 . 9 48 24 71 24 .8 2.7 .8 2/ 21 38 56 85 2 / 13 .2 1.5 2.6 • 9 42 42 27 .19 .1.1.9 18 18 40: Ll 1 / 15 1.1 1.3 22 22 33 67 1 1/ 13 1.0 1.3 21 50 1./ 11 .3 1.0 12 18 • 7 .2 41 14: 6 6 15 21 . 3. 4/ 7 • 4 4 3 34 - 3, 32 -1/ -1 •2 16 18 -0/ -5 . 3 22 Zy, Element (X) Z X •, Na. Obs. Mean No. of Hours with Temperature Rel. Hum. 1 0 F s 32 F ■ 73 F - 90 F Dry Sulb Wet Bulb Dew Point

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC ATR WEATHER SERVICE/HAC EIELSON AFB AK APR STATION NAME 2108-2350 HOURS (L. s. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.S. Dry Bulb Wet Bulb Dew - / -9 -1 /-11 ь 6 -1 //-13 4 -14/-15 -10/-17 2 -1 /-19 7-21 2/-23 TAL 1 .616.737.J29.810.3 2.4 900 960 900 900 EDITIONS OF { 0.26-5 (OL A) Element (X) Ţ No. Obs. 50042 27339 55.613.789 Rel. Hum. 2953382 900 1 32 F 30.4 9.838 26.0 8.569 15.711.080 50.6 70.9 917471 900 Dry Bulb 90 .7 23356 900 Wet Bulb 672124 90 331952 Dew Point 14122 900 9.6 87.7 - 90

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATR WEATHER SERVICE/MAC 7 2550 EIELSON AFB AK PAGE 1 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 a 31 0.8./w.s. Dry Bulb Wer Bulb Dow Pain '4/ 73 .0 • 0 2/ 71 71/ 69 5 / 67 11 • 1 6/ 65 .0 19 10 4/ 63 - 2/ 61 •0 • 1 11 11 LL 59 32 32 1./ 57 37 37 51/ 55 ΔD 00 4/ 53 3 • 1 ٤2 82 • 5 - 1 27.51 116 116 14 50/ 49 .7 1.3 173 173 17 4 1/ 47 6 1.7 1.0 240 260 45/ 45 .3 1.1 1.8 286 286 34 • 1 14/ 43 1.3 308 308 83 138 12/ 41 .3 1.2 2.1 1.3 359 359 .8, 1.3, 2.1 372 372 264 30/ 37 393 .5 1.4 2.0 1.3 436 1/ 35 a7, 2a0, 2a1; 1a3 455 455 505 47 31./ 33 94 ·1 1·3 2·1 1·8 1·2 967 467 628 1 1.7 3.0 2.9 1.7 626 629 613 210 481 636 29 .3 1.6 2.8 1.6 482 :/ 27 1.4, 2.1, 1.9 119 556 369 120 606 992 / 25 .1 1.5 2.6 1.5 422 422 ·/ 23 1.3 1.1 223 223 192 352 2/ 21 .1 1.5 1.7 303 303 436 565 0-26-5 (OL A) 332 332 321 816 1.8 1.8 191 191 584 1 / 17 290 .8 1.3 563 .9 1.1 150 150 297 14/ 13 . 7 .9 117 117 196 490 103 75 134 318 • 0 . 7 75 4D Element (X) ZX No. Obs. Meen No. of Hours with Temperate 10F 1 32 F # 67 P # 73 P # 90 P • 93 F Rel. Hum.

Dry Bulb Wet Bulb Dew Paint GLOBAL CLIMATOLOGY BRANCH USAFETAC Alm Jeather Service/Mac EIELSON AFB AK 7 2550

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 7' 2550 EIELSON AFR AK PAGE 1 7000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 231 D.B./W.B. Dry Sulb Wer Sulb Dow Point 6/ 65 . 1 4/ 63 -27 61 • 1 ı 1 59 . 3 5 / 57 • l - 3 •2 9 9 5 . / 55 14/ 53 • 1 . 6 .1 16 16 2/ 51. 33 .6 1.6 1.0 4 / 47 61 9. 2.4. 1.6 1.2 61 .2 2.7 3.1 2.3 1.0 9 13 90 37 4:/ 45 - 1 14/ 43 1.9. 4.5 98 98 -2/ 41 1.6 4.5 4.8 1.1 119 119 93 25 40/ 39 9. 2.2. 5.8. 3.1 119 119 31./ 37 .4 1.4 5.9 2.5 99 99 54 159 a9, 2a5, 3a5, 2a0 88 88 140 76 34/ 33 .4 1.5 2.9 1.4 64 64 127 86 2/ 31 1.7. 1.3. 1.3. 4.6 36 71 145 . / 29 .1 1.0 14 14 65 110 • 2 :1 27 103 20/ 25 16 82 241 23 2/ 21 56 119 27 1 / 17 33 14/ 15 14/ 13 1.7.11 ٠ 0.26-5 3 LOTAL 930 3-712-832-027-313-2 7-6 930 930 Mean No. of Hours with Temperate Element (X) No. Obs. 43.615.558 41.5 6.370 36.5 5.282 Rel. Hum. 3986793 930 1 0 F ≤ 32 F +67 F +73 F -00 F • 93 F 59149 Dry Bulb 5.5 930 1635735 38551 Wet Bulb 1267393 33979 930 19.2

GL09AL CLIMATOLOGY BRANCH OSAFETAC Alp Weather Service/Mac

PSYCHROMETRIC SUMMARY

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Wet Bulb			2449		329			5.29		9;					5.2		\Box					9
Dew Paint		82	2159		268	79	28.9	6.92	2	9.	29				7.3		-I		L	1		9

GLEBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATR WEATHER SERVICE/MAC 7: 2550 EIELSON AFB AK PAGE 1 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Daw Pein 6/ 65 - 1 • 2 4/_63 •6 15 15 .2/ 61 _/_59_ 57 / 57 1.1 • 3 23 23 • 1 5(/ 55 41 41 14/ 53 .4 1.5 2.4 60 1.1 50 2/ 51 2.9 8A aΩ 507 49 .6 2.3 3.2 3.7 99 99 4 / 47 3.7 3.8 111 110 72 2.6 4.5 3.4 110 13 4./ 45 • 1 :4/ 43 93 93 12/ 41 -5 2.9 3.6 1.4 85 85 159 30 63 147 40/ 39 1-2: 2-9: 1-7 36 3 / 37 50 50 75 .2 .6, 1.2: 2.5 134 37 72 કેશ/ 35 37 94 34/ 33 .6 1.B • 3 24 24 54 102 2/ 31 146 1 1 29 23 88 . 1 ./ 27 RΩ 26/ 25 93 201.23 2/ 21 45 35 / 19 1 / 17 11 19/ 13 2 1___11 2 107 9 TOTAL 1.4 5.918.924.920.916.4 7.0 2.9 1.4 928 928 No. Obs. Element (X) Mean No. of Hours with Temperature Rel. Hum. 1 32 F + 67 F + 73 F > 90 F 3169164 52160 56.216.003 928 39.7 5.171 30.5 7.170 Dry Bulb 2038197 43031 928 Wer Bulb 1484969 36811 928 9.3 Dew Peint

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

																		PAG	E 1	HOURS	-110
Temp.					-	WET	BULB '	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 20	29 - 30	* 31	D.S./V.S.	Dry Bulb	Wet Bulb	Dew Pe
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71 69									• 1					Ĭ .			T	9	9		
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62/ 61						. 9	. 4]					57	57		
3/ 59				• 4	• 3	• 2	1.7	2.6	1.9	- 4							i	71	71	2	
587 57					• 1	1.8	3.8						Ţ	I			T	8.5	85	1	
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12/ 51			• 5	1.2	2.6	4.3	2.0	.6	}	1	l	1			1. 1		1	105	105	33	
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46/ 47]		•2	• 5			1.4	- 3	-1					1	1	j j			46	46	122	
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Rel. Hum.												10		32 F	= 67	P .	73 F	- 80 F	- 93 (Total
Dry Bulb									$\Box \Box$		I				L	\Box					
Hat Bulb																\Box					
Dew Paint															L						

7 2650 EIELSON AFB AK STATION HAME

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Element (X)		ZX'			ZX		X			No. O	be.							h Tempere			
Rel. Hum.			0122		401			15.6			30	10	-	s 32 F	= 67	_	• 73 F	- 90 F	- 93		Total
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Wet Bulb			1889		402	33	43.3	9.7	95		30			2.3		4		 .	Д		9.3
Dew Paint		89	3854		28 D	34	30.1	7.2	47	9	30_]			58.4	i			1			.93

C. 26-5 (OL. A) sevise reevous fortons of h

AGETAC ROLL

GLO3AL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

265C	EI	ELSO	N AF		TATION N	ÄME				73-	82			71	EARS						A Y HTH
•																		PAG	E 1	1238	
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	a 31	0.B./V.B.	Dry Bulb	Wet Bulb	Dow P
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76/ 75							Ĺ		- 1			• 0	. 4	<u> </u>	ļ	<u> </u>		13	13		
14/ 73	į						ļ	i i			-4	• 9	. 1	ļ		1	İ	13	13		
'c/ 71					ļ i		i			• 3	- 4	• 1		<u>i </u>	<u> </u>			8			
/ 69		•						• 3	• 3		• 9							16	16		
69/ 67							• 2	•2	. 9	1.5	1.3			l	1 .			38	38		
6/ 65		i				• 1	• 2	-8	1.3	2.4	• 2					1		46	46		
:4/ 63							• 5	1.1	3.8	1.	. 4				i		:	72	72		
·2/ 61						• 2	. 4	1.5	4.6	1.				1	i			76	76	1	
L/ 59	!			• 2		. 4	2.8	2.3	3.A	- 6				!		İ	í	94	94	. 2	
/ 57			-2	• 2	• 5	1.3	4.7	4.4	2.5						†	—	!	129	129	1	
5:/ 55			. 1		1.2	1.5	4.1	4.0	1.1	1							-	111	111	5	!
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45/ 45	• 2						• 1	•1		 				 -	 	! -		30	30		
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Element (X)		Z _X ,			z _X		I	**	-	No. Ot	••	201		1 32 F	#0en 1		73 F	h Tempere	here + 93 t	-T-	Total
Rel. Hum.				<u> </u>		-		 	-+-			2 4 1	+	- 32 F	 ""	-	73 -			-	. 4141
Dry Bulb						-+-			\dashv		\rightarrow		+		+-	-		+	+		
Wer Bulb				L				L							1	1		_	I	i	

0.26-5 (OLA) RIVISO MENOUS

USAFETAC PO

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/HAC 7 2550 EIELSON AFB AK
STATION NAME
STATION NAME WET BULB TEMPERATURE DEPRESSION (F) 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.26 29.30 5.31 D.B./W.B. Dry Bulb Wer Bulb Dow Poin :/ 7 1.1 "/ 3 TOTAL .5 1.0 2.6 5.2 9.110.819.518.118.7 8.5 3.7 1.8 930 930 Mean No. of Hours with Temperature Element (X) 37-014-869 57-1 7-306 44-8 4-635 29-3 7-448 +47 F = 73 F = 80 F = 93 F Rel. Hum. ∓ 32 F 34371

9 30

9.30

930

Dry Bulb

Wet Bulb

1475687

3086222

1883725

53142

41633

GLOBAL CLIMATOLOGY BRANCH USAFETAC ATR WEATHER SERVICE/MAC

7:2650 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

HAY

STATION				51	ATION N	AME					_			VI	EARS					MOR	TH
																		PAGE	1	1500-	
Temp.						WET	BULB T	EMPER	RATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 . 4	5 - 6	7 - 8						19 - 20		23 - 24	25 - 26	27 - 28	29 - 30	e 31	D.B./W.B. D	ry Sulb	Wet Bulb	Dew Pain
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76/ 75		1				ĺ			.1	.1		-8			Ĺ	Ĺ	ĺ	20	20		
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71/ 69		1							• 2	• 3	1.8	- 1						23	23		
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66/ 65							• .?	•2			• 6							46	46		
4/ 63						1	.2	1.5	3.4	2.9	.8			Ĺ	Ĺ		<u>. </u>	8.3	83		
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10/ 59		1 .		. 1	_ • 4	_ • 5	1.5	3.1	3.2	1.2						<u></u>	Ĺ	94	94	3	
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73-82

NORM 0-26-5 (OLA) BEN'NO MEN'OUS EDITIONS OF T

ISAFETAC POP

Dry Buib Wet Buib

GLGBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY 2 USAFETAC ATR WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK
STATION NAME
STATION NAME 73-82 PAGE 2 TOTAL TOTAL
D.B./W.B. Dry Bulb Wer Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 31/ ì 1.1 930 CTAL 2. 2.5. 4.710.012.511.518.517.612.7 5.5 930 0.26-5 (OL A) Element (X) ZX' No. Obs. Mean No. of Hours with Temperature Rel. Hum. 10F 1 32 F +47 F = 73 F = 90 F = 93 F 35.985.281 930 1416819 33033 53816 57.9 7.552 91877 95.0 9.541 27029 29.1 7.412 Dry Bulb 3167138 930 Wet Bulb 930 1904841 93 Daw Paint

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7550 EIELSON AFB AK 73-82 MAY
STATION STATION NAME VEARS PAGE 1 1800-2000

Temp.						WET	BULB '	TEMPER	ATURE	DEPRE	SSION	(F)							TOTAL)	TOTAL	
(F)	0	1 - 2	3 - 4	5.6	7.8	9 . 10	11 . 12	13 - 14	15 - 16	17 . 18	19 . 20	21 .	22 23 . 3	24 25 .	26 2	7 . 28	29 . 3	0 + 31	D.B./W.B.	Dry Bulb		Dow Pair
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15/ 9						' }				1	}	}		1				1	1)	i J	
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Rel. Hum.		- X			- *			^A	-+-	NO. US	-	3 1		1 32 /		Hoen		* 73 F	h Tempere			P1
Dry Bulb												4	+	1 34	+	* 67	-	- /3 -	- 00 P	- 93	- 	Terel
Wer Bulb								 -					-+		-+		- +		 -	+	 -	
Dew Point						-+-		<u> </u>											 -	+		

0.26-5 (OL.A) RIVISO MEVIOUS FORDONS OF THIS

SAFETAC rom

D-26-5 (OL.A) REVISED REVIOUS EDITIONS OF THIS FORM ARE OLDUTTE

SLIB	AL	CLIMA	TOLOGY	BRANCH
USAF	ETA	¢		
Δ ? P	.FA	THER	SERVICE	ZMAC

EIELSON AFS AK STATION NAME

PSYCHROMETRIC SUMMARY

															<u> </u>	1800 HOURS I	(. 5, 7.)
Temp.					WET BUL	B TEMPE	RATUR	E DEPR	ESSION	(F)		-,		TOTAL		TOTAL	1
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SLEGAL CLIMATOLOGY BRANCH LYSFETAC ATTO REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7' 165C EIELSON AFB AK 73-82 MAY
STATION NAME YEARS PAGE 1 2100-2300
HOURS (L. S. T.)

Temp.						WET	BULB '	TEMPE	RATUR	E DE	PRE	SSION (f)						TOTAL		TOTAL	
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Dew Point						\neg														 		1

C 108 0-26-5 (OLA)

JSAFETAC FORM A 21

ELCBAL CLIMATOLOGY BRANCH USAFETAC AJK WEATHER SERVICE/MAC

7 2650 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 7 2550 EIELSON AFB AK 73-82 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Poin (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 7 / 77 • D • 0 • D 5 76/ 75 . D 4 D 40 •0 32 32 12/ 71 . 1 • 0 53 53 / 69 •1 • 1 63 63 . 4 6 / 67 114 114 66/ 65 .0 1.1 167 167 4/ 63 • 0: 257 257 2/ 61 330 330 . 3 1.1 1.8 1.4 398 398 1 57 2.1 1.8 2.4 1.9 .3 .7 .9 1.7 1.1 464 464 5(/ 55 555 555 4/ 53 545 545 120 .7 2.3 2.2 1.3 547 547 190 CO/ 49 .1 .6 1.3 2.5 2.0 563 563 393 4 / 47 .8 1.9 1.9 1.4 . 5 510 510 653 4.7 45 .4 1.5 2.3 1.7 520 908 4/ 43 .5 1.3 2.3 1.3 - 6 479 479 1042 103 42/ 41 .6 1.8 2.2 636 988 436 .8 2.2 1.2 99/ 39 399 399 772 258 3/ 37 2.0 1.0 319 319 429 726 .8 1.5 263 263 523 624 31.1 33 .6 1.1 189 189 424 741 2/ 31 . 7 .6 130 130 274 1117 29 37 37 208 765 2 / 27 . 0 13 94 757 .../ 25 • 0 • 1 49 726 24/ 23 25 393 2/ 21 397 ·/ 19 312 1// 17 163 16/ 15 67 14/ 13 55

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Element (X)

Rel. Hum.

Dry Bulb Wet Bulb

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EIELSON AFB AK STATION NAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) Temp. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 71 - 1 .6/ 65 2/ 61 . 7 . 1 13 .7 . 0/ .2 .5 1.7 2.3 • 7 21 21 / 57 54 54 55 76 - 8 3.6 76 .9 3.6 4.9 1.7 4/ 53 110 110 21 51 2.2 6.6 4.3 2.4 2.3 7.4 4.7 1.7 2.2 6.6 4.3 • 2 142 142 55/ 49 148 148 4.7 47 .4 3.D 3.4 3.3 1.2 104 104 .2 2.9 3.2 2.2 4-./ 45 82 82 747 43 1.7 4.2 1.1 64 64 .1 1.2 1.9 37 427 41 37 . 7 1.4 1.3 41/ 39 28 - 3 28 •7° 3 / 37 9 7/ 35 34/ 33 727 31 5. / 29 SOLICINS OF 27 27 7 / 25 TTAL 1.416.633.127.214.4 4.8 2.1 900 900 0-26-5 (OL A) 1 3 2 5 No. Obs. 69.912.766 50.1 5.359

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PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH

AIR WEATHER SERVICE/MAC

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Dry Bulb

Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

7 2550 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 72/ 71 • 1 / 69 4/ 63 .2 • 1 3 2/ 61 11/ 59 15 15 1.0 • 6 1 51 30 39 5./ 55 .1 1.2 3.3 1.6 62 547.53 .7. 3.3 9.8 1.3 12/ 51 -2 3-0 6-6 4-0 1-0 136 136 54 169 10/ 49 2-1, 8-9, 6-0, 1-6 169 111 4"/ 47 .4 3.6 5.4 4.0 1.4 134 134 163 вD .2 3.7 3.2 2.1 85 44/ 43 .1 2.1 4.9 1.4 78 7B 136 109 2/ 11 1.2. 2.9 92 148 14 44 88 41/ 39 1.0 1.2 25 25 113 89 95 31/ 35 17 69 40 2/ 31 1/ 29 24/ 27 241.25 24/ 23 1.418.038.229.1 9.2 3.3 900 900 Element (X) Rel. Hum. ១៣០ 4753621 64549 Dry Bulb 2205931 44335 99.3 9.990 900 Wer Bulb 40430 44.9 4.279 90 1832666

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0-26-5 (OL A) REVISE MENOUS EDITIO

SAEETAC NO.

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

EIELSON AFB AK

Temp.						WET	BULB '	TEMPE	RATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

7 2650 EIELSON AFB AK STATION NAME

PSYCHROMETRIC SUMMARY

JUN

7900-1100 HOURS (L. S. T.) TOTAL D.B./W.B. Dry TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 4/ 83 . 1 2/ 81 / 79 . 1 5 - 1 2 11 11 761 75 8 9 4/ 73 . 6 4 1.1 .6 1.1 30 30 127 71 • 6 1.0 ../ 69 2 .0 87 47 6 / 67 .6 1.8 2.2 1.9 62 62 6/ 65 **5.7** 14/ 63 98 98 .9 3.1 3.0 2.7 2/ 61 8: 2.3 2.9 107 107 .7 1.4 1.9 2.6 1.8 14 U/ 59 82 82 .3 1.9 1.1 1.9 2.1 73 108 73 14/ 53 159 4 1.8 2.2 62 62 36 92/ 5I - 6 2.7 . 4 • 1 48 48 152 5C/ 49 49 41/ 47 19 19 132 86 • 6 . 8 .6 45/ 45 79 ш 36 100 64/ 43 • 1 4 2/ 41 113 45/ 39 98 .2 91 3./ 37 34/ 35 94 1 49 52/ 31 33 36/ 29 28/ 27 6 24/ 23 2/ 21 TOTAL 4.110.2 9.913.718.C17.213.3 7.3 3.2 2.6 900 920 Element (X) Rel. Hum. 5 0 F +67 F +73 F +80 F +93 F 2627450 900 Dry Bulb 3327939 54353 60.4 7.110 900 90 Wet Bulb 900 2325056 45576 50-6 9-360 Dew Point 36991 41-1 6-000 900

0.26-5 (OLA) service mericus torious of the

SAFETAC ROPE

GLUBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATR WEATHER SERVICE/MAC EIELSON AFB AK 73-82 JUN 7 2650 STATION NAME STATION PAGE 1 1200-1400 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B./W.B. Dry Bulb Wet Bulb Dow Point (F) 4/ 83 -. 4 • 2 2/ 81 • 9 14 7 79 - 1 7 / 77 . 3 . 1 10 10 1.3 1.7 75 • 2 36 36 :4/ 73 41 41 1.8 2.9 67 67 71 . 9 7 7 / 69 1.2 2.0 3.0 2.1 1.2 87 87 5 / 67 6/ 65 91 91 .6 1.8 2.8 3.2 1.8 . 7 .9 2.0 2.2 2.6 RA 84 .1 1.0 1.8 4/ 63 1.7 3.1 1.1 90 80 2/ 61 .3 1.6 2.2 1.9 2.4 78 78 1. / 59 .9 1.2 2.0 2.8 75 1 / 57 .4: 1.6 1.3 2.8 65 65 8 4 .8 1.4 .6 .8 1.3 1.1 5(/ 55 •6 1.7 49 49 131 • 5 4/ 53 . 3 38 38 138 -1 2/ 51 35 173 28 1.2 1.2 . 9 35 • 1 50/ 49 .8 . 7 - 1 • 3 19 19 136 42 44/ 47 14 14 103 56 Ĩ 46/ 45 57 86 . 1 (28 119 127 41 91 4 / 39 96 34/ 37 106 134 362 35 3#/ 33 62 2/ 31 51 11/ 29 26 2 / 27 13 €6/ 25 8 24/ 23 ī 2/ 21 6 900 900 8.713.013.815.915.0 8.7 5.8 2.6 1.0 TOTAL .1 1.8 5.3 8.3 900 900 39888 No. Obe. Element (X) 2002690 44.316.163 63.: 7.661 900 1 32 F +47 F +73 F +00 F Rel. Hum. 207

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GLOBAL CLIMATOLOGY BRANCH DSAFETAC ATP SEATHER SERVICE/MAC

4.5

7. 2650 EIELSON AFB AK
STATION STATION NAME

PSYCHROMETRIC SUMMARY

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MORA 0.26-5 (O. A) APPROPRIATE

USAPETAC 10

GLOBAL CLIMATOLOGY BRANCH
HSAFETAC
ALC WEATHER SERVICE/MAC

7 2650 EIELSON AFB AK
STATION STAT

PSYCHROMETRIC SUMMARY

PAGE 2

1500-1700

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NOBA G-26-5 (OL.A) REVISED REVIOUS EDITIONS OF THIS YORK

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GLEBAL CLIMATOLOGY BRANCH
USAFETAC
ALP REATHER SERVICE/MAC

7 2650 EIELSON AFB AK
STATION NAME

PSYCHROMETRIC SUMMARY

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5 (OLA) BEYIND MEYIOUS EDITIONS OF THE

SAFETAC ROPE

GLOBAL CLIMATOLOGY BRANCH USAFETAC ALR WEATHER SERVICE/MAC EIELSON AFB AK STATION NAME 7 2650 STATION

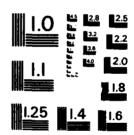
PSYCHROMETRIC SUMMARY

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EIELSON AFB ALASKA REVISED UNIFORW SUMMARY OF SURFACE WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A. 22 JUL 83 USAFETAC/DS-83/027 SB1-AD-E850 416 F/G 4/2 AD-A134 198 516 UNCLASSIFIED NŁ

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MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS - 1965 - A

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SLUBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC ATR WEATHER SERVICE/HAC 7 2650 EIELSON AFB AK STATION NAME 73-82 THY PAGE 1 HOURS (E. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 -31 Wet Builb De 6/ 85 3 4/ 83 -2/ 81 • 3 • D . 1 36 7-/ 77 . 2 . 1 47 47 • 2 . 1 26/ 75 114 114 74/ 73 • Bⁱ . 6 . 5 145 *2/ 1*1 ... 247 247 7 / 69 .9 1.3 .0 • 5 295 295 5-1.67 1.0 354 354 6/ 65 .8 1.5 1.5 1.3 • 3 411 411 4/ 63 448 - 27 61 • 0 -4 1-3 2-0 1-3 1-4 . 1 509 509 17 -3 1-3 1-9 2-1 1-6 553 553 76 0 / 57 .1 1.0 2.3 2.1 2.9 1.0 • D 622 622 293 5./ 55 1.5, 2.5, 2.3 617 614 4/ 53 .7 2.1 2.8 1.8 950 610 610 36 3.2 2.3 624 629 1035 172 .8 3.3 2.3 • 1 547 547 1150 350 41/ 47 383 383 1051 4 ./ 45 1.3.1.1 246 246 833 829 <u>6 1 5 5 </u> 191 191 506 869 12/ 41 . 4 .7 • 2 95 291 95 939 196 836 3./ 37 • 1 20 20 114 748 1:/ 35 52 720 3"/ 33, 18 470 3 2/ 31 335 0-26-5 (OL .. / 29 128 24 11/ 25 40 24/ 23 19 2/ 21 21 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 1 32 F n 73 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATR SEATHER SERVICE/HAC 7 2650 EIELSON AFB AK אענ STATION MAME PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 0.8. W.B. Ory Sulb Wet Sulb One Point .5 7.217.017.113.611.9 9.5 8.2 7.0 3.8 2.6 1.0 • 5 7200 7200 7200 7200 ¥ 2 Ĩ ((Element (X) Zz' Z X No. Obs. 1 T 56.218.357 57.8 8.614 49.2 4.923 40.6 5.798 #47 F # 73 F # 80 F # 93 F 7200 7200 Total Rei. Hum. 25150307 24564107 404495 415951 10 F 132 F 720 Dry Bulb 125.7 36.1 3.6 17589577 12125642 720 720 Wet Bulb 354103 7200

Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC A)R WEATHER SERVICE/MAC

7-2650 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

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TAC NOM 0-26-5 (OLA) BIVILE MENOUS SERVICES OF THIS FORM

GLEBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 7 2650 STATION EIELSON AFB AK

PSYCHROMETRIC SUMMARY

STATION				\$1	TATION N	AME								•	F wars						
																		PAG	E 1	D 300	-0500
Temp.	-					WET	BULS	TEMPER	ATUR	E DEPRE	SSION	(F)						TOTAL	1	TOTAL	
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let Bulb			9788		454			9.1			3D		-+		 	* *+		†	1		
Dow Point			6199		422			5.0			30			1.5	et –	\dashv		 	+	+	93
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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/HAC 7 2650 EIELSON AFB AK DEDD-DBDD WEY BULB TEMPERATURE DEPRESSION (F)

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Suits Wer Bulb Daw Point 76/ 75 14/ 73 . 1 72/ 71 . 1 • 1 70/ 69 15 15 6. / 67 .9 1.2 • 3 26 26 66/ 65 44/ 63 .3 1.4 2.2 2.0 1.0 68 68 12/ 61 a5, 1a0 2a9 3a4 2a5 102 102 9/ 59 .1 1.2 3.4 5.6 3.1 1.0 32 135 135 6 51 57 1 2.8 5.5 4.4 150 150 5// 55 .1 3.9 6.3 4.4 1.9 157 157 4/ 53 2.8 3.3 88 88 77 127 51 .1 3.8 3.4 73 73 174 118 50/ 49 1.3 1.6 33 33 135 141 44/ 47 1.0 .6 • 1 16 16 71 134 40/ 45 128 14/ 43 . 1 15 163 1 1 4 ŘΩ 4 1/ 39 25 3:/ 37 36/ 35 6 34/ 33 A 2/ 31 3 ·417-425-923-316-D 9-6 4-6 2-D -5 TOTAL 930 930 930 Element (X) Rei. Hum. 9708591 +47 P + 73 P +80 P +93 F 64863 69.724.099 930 Dry Bulb 53852 57.9 5.164 48740 52.4 3.786 44203 47.5 4.885 3143090 930 Wet Bulb 2567710

GLEBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATP WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK 73-82 JUL STATION NAME PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wat Bulb Dow Paint 4/ 83 • 1 2/ 81 • 3 79 - 2 • 2 7: / 77 .2 . 4 .1 13 13 16/ 75 • 5 .9 30 30 • 1 4/ 73 44 44 71 2.2 73 73 . 9 1.3 2.3 1.9 767 69 3.5 • 3 94 94 6:1 67 .3 1.5 1.8 3.3 1.0 77 77 6/ 65 .4 1.5 2.8 3.0 1.8 1.2 102 102 (4/ 63 .4 2.0 3.0 2.6 1.4 94 15 94 2/ 61 .1 1.1 2.4 4.1 1.8 95 95 51 67 59 1.3 2.3 3.5 1.9 1.0 • 1 95 95 111 55/ 57 .8 2.7 2.6 2.2 78 78 Tourist Of Bridge 164 • 9 5.7 55 1.9 2.0 .1 60 60 220 59 ' 4/ 53 • 3 .8 1.3 . 1 25 25 157 64 27 51 .6 1.0 93 • 3 20 20 133 5.7 49 .8 10 10 52 140 4 / 47 36 124 46/ 45 132 17 109 42/ 41 65 40/ 39 30 31 37 13 35 8 34/ 33 3 . 2/ 31 6 31 / 29 3 6.110.816.118.113.713.210.5 7.7 2.5 1.1 TOTAL ĝ 930 930 930 930 Element (X) No. Obs.

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93

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Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

3329077

3867776

2857006

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK STATION

PSYCHROMETRIC SUMMARY

Temp.	0	1 . 2	3 - 4	5.4	7 · B		BULB 1						23 - 24	25 - 24	27 - 28 2	9 - 30	- 31	D.B./W.S.	Dry Bull	TOTAL	Dew Pa
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7 79		1				•2		•1	.8	- 8	1.6	1.1						42	42		
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16/ 75						ſ	.5	.9	1.6	2.8	1.2	• 2						67	67	1	
4/ 73		-			1	-3	2.5	2.0	3.3	1.0	-2		<u> </u>					70	70	1 .	L
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68/ 67				• 2	1.0	2.0	3.9	1.4	.9		1	}	}	1	}		}	87	87	4	1 :
6/ 65		,1		1.0		3.2	1.4	1.9	3		<u> </u>	 	-	_				93	93	15	<u> </u>
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Element (X)		5 X,			* <u>1</u>		1	**	_	No. OL						_		Temperet			
Dry Builb			7500		969		50-0				29	# 0		s 32 P	= 67 F		73 .	- 00 P	+ 93 1	<u>'</u> '	Total
Wat Bulb			5814		630		67.9				29		-+-		52.	_	كغمك	5.6	4		9
Dow Point		210	938		525 438		56.5	1			29 29		-	1.3		_	2		+		2;

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIF MEATHER SERVICE/MAC 7 -2650 EIELSON AFB AK 73-82 JUL STATION STATION MAME PAGE 1 1500-1700 HOURS ((. S. T.) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 / 89 2 18/ 87 6/ 85 4 · 4/ 83 9 9 2/ 81 20 20 • 4 1.7 79 . 2 2.5 55 55 .1 1.0 .1 1.3 2.D 2.2 7./ 77 1.3 65 2.2 65 76/ 75 3.5 71 71 74/ 1.9 86 • 8 1.4 1. / 71 2.2 2.6 1.4 69 69 1.5 2.2 1.2 2.2 1 69 73 73 1 6-/ 67 1.3 2.6 85 85 67 65 1.7 3.2 2.2 85 85 3.5 4/ 63 1.1 3.5 1.3 7 B 78 51 - 3 27 61 81 81 0/ 59 .6 1.3 1.2 48 48 144 11 · 57 57 .1 1.1 1.3 34 34 227 20 5 1 55 .3 1.3 . 4 21 21 148 16 16 120 62 .6 2/ 51 13 107 . 8 13 66 . 5 577 49 40 118 4. / 47 146 146 E4/ 43 67 12/ 82 48/ 39 50 31/ 37 20 36/ 35 16 3"/ 33 15 2/ 31 15 74/ 29 28/ 27 TETAL .1 4.0 5.4 8.4 9.814.412.512.212.2 8.8 6.7 4.3 1.0 930 930 930 Man No. of Hours with Tomperatu Element (X) 48.917.102 # 67 F # 73 F + 00 F + 93 F 2495927 Rel. Hum. 45481 930 2 0 F s 32 F 930 93 54.5 Dry Bulb 9425145 63733 31.8 52690 56.7 4.262 930 93 Wet Bulb 3002076 1.0 Dew Peint 46.9 6.060 930 2082698 93696

(6-5 (OLA) errito remous formors or this roam and oasoutte

6F031	L CLIMA	TOLOGY	BRANCH
USAFE	TAC		
ATP .	FATHER	SERVICE	/MAC

PSYCHROMETRIC SUMMARY

• 1						W.F. T	BULB	78485	ATUPE	DEPP	155100	E)					TOTAL		TOTAL	
Temp. (F)	0	1.2	3 - 4	5.4	7.8								23 - 24	25 - 26	27 - 28 29	- 30 * 31		Dry Bulb		Dew Pe
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4/ 83		1	i		1)	j	1]						ı
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7 / 77							•2	• 5	. 9	1.7		. 8				-	9.0	44		
76/ 75				i I	i		-2	1 - 7	1.6	1.6	.3	- 2		1		1	53	53	[]	
74/ 73		 		•1	. 1		.9	2.3	4.4	.9							85	85		
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OTAL	•1	5.6	8.5	14.0	11.8	13.0	11.5	12.2	11.5	6-1	3.0	2.3	• 3	•1			930	930	930	93
Element (X)		Ex'			2 7		X	•		No. O	9.				Moon No.	of Hours wit	h Tomporeh	, 110		
Rel. Hum.		296	6976		499	28	53.7	7.5	62	9	30	2 0		s 32 F	= 67 F	± 73 ₽	- 80 F	» 93 I		Total
Dry Bulb			0955		616		66.3	7.5	69	•	30				44.3	22.9	2.9	1		. 9
Wet Bulb			6628		521	_	56.0	9.2	22	9	30				.3					9
Dew Point		213	1590	!	441	a 0	47.5	5.9	92	9	30			2.0	i	I		L		- 9

GLOBAL CLINATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 7"2650 EIELSON AFB AK JUL 2100-2300 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 - 31 Bulk Wat Bulk Daw Pal a9/ 79 78/ 77 . 1 76/ 75 74/ 73 8 72/ 71 1.0 26 26 76/ 69 35 35 68/ 67 1.7 1.0 61 61 .4 1.5 1.0 1.3 1.6 2.3 70 66/ 65 e4/ 63 78 78 12/ 61 1.0 4.0 •1 102 102 1.0 4.3 5.1 10/ 59 132 132 2.8 5.8 4.6 2.5 3.8 3.7 53/ 57 144 144 117 56/ 55 106 106 187 47 53 2.6 2.2 1.4 62 62 206 2/ 51 2.D 1.8 1.2 50 50 135 151 50/ 49 173 48/ 47 . 8 .4 14 14 54 137 467 13 25 103 13 44/ 43 93 E27 41 41 49/ 39 23 37 36/ 21 36/ 35 34/ 33 **32/ 31** 28/ 27 ī ·413·322·024·414·911·4 6·6 4·3 1·6 TOTAL 930 930 930 930 ₫ 🧸 Element (X) Rol. Hum. 4384133 930 930 +67 F +73 F + 60 F +93 F Dry Bulb 53.6 4.035 Wet Bulb 2682157 930 49803 93 Dow Point 4975

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

7 265C EIELSON AFB AK
STATION NAME

PSYCHROMETRIC SUMMARY

STATION				51	TATION N	AME								**	ARS					MC	MT W
					~													PAG	1	HOURS	L. S. T.
Temp.						WET	BULB 1	EMPER	ATURE	DEPR	SSION	F)					1	TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	29 - 30	• 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dew P
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1/ 69			:	• 1		1.1	1.2	1.6	• 6			$\overline{}$		1				388	368	3	
5/ 67		!	ים	2	7	1.5		_8	. 3	1	1		ĺ	ĺ	()	ļ		406	906	13	
6/ 65		-0	•2	- 9	1.5	2.0	1.2	•6	. 2	.0				1				499	499		
4/ 63	i	. 1	- 5	-		1	- 0	-2	1		}		1	1		ĺ	- 1	522	522	147	1
2/ 61	.0	- 4	-8	2.0			• 5	.1	.0					1				604	604	301	
2/ 59	. 1		2.2	3.1	1.6	9		.1	-	j]	j	1	1			i	676	676	670	1
/ 57	•1		3.0	2.9	1.3	.5		•0	-				<u> </u>	 				692	692		_
6/ 55	- 1	2.2	3 - 3	2.8			1	••	1	1		ł	ì	1	1	1		715	715		
4/ 53		2.3		1.9		,				 -			 	1				526	526		_
2/ 51	- 01	2-4		. 9	- 3	i				1	ļ	í		ĺ	1	i	- 1	962	462	923	8
0/ 49		1.8		• 5	.1	. 0	1				1			1				331	331	768	
2/ 47	j	1.5	7	. 4		• •	1		ŀ	1			1	1		1	1	196	196	538	
4/ 45		9	•2				 			 	1					-+		99	99	350	
4/ 43	ł	1	.1				1		ł	Į	}	})	1))	ļ	- 1	27	. 27	167	
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2/ 31			j		}		}]			ļ			, ,	Ì	1	i			
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TAL	_ z	A . C	16.2	17. *	12.3	20.0	7.9	6.0	5.7	3.3	2.1	1.1	.2	-1	 				7439		74
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lement (X)		E N.	-		21		*			No. Of	. 1	ъ			Mean No	o. of Hou	re =10h	Tompere	V/10		-
el. Hum.			9243		4647	51	62.5				39	10	F	1 32 F	= 67			- 80 F	× 93	P	Tetel
ry Bulb			1356		4568		61.4	_			39				205.		2.6	16.	7		7
of Bulb			6899		3991		53.7				39				2.		- 3				7
lew Point		672			3503		47.1				39			10.1		. 8	.1		+		

0.26-5 (OLA) EPINE

AFETAC 1000 0.26

GLOBAL CLIMATOLOGY BRANCH UMAFETAC ASS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93

93

2550	EIEL	SON	AF		TATION N					73-	82			ve	ARS		•			AU	
3141134				•	ATTON H	AME								**				PAGE	1	BODD-	020
Temp.						WET	BULB	TEMPE	RATURE	DEPR	SSION (F)						TOTAL		TOTAL	
(#)	0 1 -	2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 · 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb 1	Dew Pa
٤ / 67	-		1	_	• 1]			3	3	!	
6/ 65				•2		• 1		•2		<u> </u>								5	5		
4/ 63			• 3		- 3			• 1	ļ		İ							15	15		
2/ 61		• 1	•9		. 4				1									26	26		
0/ 59		• 4	1.2		-		1	ļ	1	1								37	37	10	
/ 57			1	1.9	. 9			İ			<u> </u>							59	59	17	
50/ 55		• 9	4.2				1		1							:		96	96	-	
4/ 53	•2 3			3.2		1	<u> </u>	Ĺ	<u> </u>	ļ								124	124	78	
2/ 51		. 3	5.9		• 5					1	1							117	117	133	
3/ 49	6	• 3			• 2		<u> </u>	<u> </u>	<u> </u>	<u>. </u>	1					İ		126	126	129	
/ 47	_	• 1		1.5	-	!	!	1	1	1					[77	97		1
15/ 45	1	- 1	2.6		• 4	į		1	1	i								67	67	132	1
4/ 43	2	. 9	2.8	• 3		:			1		1							56	56		1
27 41	. 2	• 6	1.8			i			1	1	i	!			ĺ	i		41	41	59	•
33	1	• 6.	• 5	•2				1								·		22	22	52	
37		.6	.6	• 2		: I		1	ĺ	1	İ		i)	i		1 4	14	26	
75/ 35		• 5	.9	• 1			•		1	1	!							14	14	11	•
34/ 33		. 4	•2	• 1		i	į.			!	1		i			!		7.	7	17	
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7 27							•											 		1,	
// 25								į			1					1		Ï			
4/ 23		† -					•		†	1	<u> </u>							†			
2/ 21:							i			1								1 1			
7 19	-	_					! 		 	 										- +	
TAL	-4/35	. 63	39.1	17.7	4.9	1.6	• 2	. 3	i				ĺ					1	930	1	9
		1					!			1								930	- 1	930	
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930

77.610.561 50.5 6.339 97.0 5.700 93.5 6.367

43722

Element (X)

Rel. Hum. Dry Bulb

Wer Bulb

Dew Point

2085680

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY LEAFETAC AIR WEATHER SERVICE/HAC 7 2550 EIELSON AFB AK AUG PAGE 1 3300-0530 HOURS ILL S. T.I WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Pain 6/ 65 .1. .2 3 4/ 63 2/ 61 .1 .1 .2 ъ; £ 23 _/_59_ 1.0. .4 •9, / 57 .9 1.6 1.0 3.5 12 36 4 5./ 55 12 .8. 3.4. 1.8. 44 64 53 106 4/ .5 2.4 6.2 2.3 • 2 106 43. 16 _4/ 51 ... 4.4.4.3.1.2. 101 101 25 5 / 49 8.4 6.2 1.4 150 150 132 à۵ 4 / 47 112. .2. 6.6. 3.J. 1.9. 126 131 L / 45 .1 6.9 3.6 .4 102 102 132 105 4/ 43. 3-0, 1-8, -4, 99 49 92 727 41 3.0 1.9 .2 49 49 67 111 4 1 39 1. 3.D. 2.D. 43 48 4.3 45 2 / 37 70 2.3. .8 28 28 57 / 35 27 1.0 17 397 33 1.4 • 3 16 16 18 32 2/ 31 -4. 36 1 29 15 - 1 11 1 1 EDITIONS OF 1 25 11 • 1 21/ 23 2/ 21 1 1.146.137.112.5 2.8 929 0-26-5 (OL A) Element (X) No. Obs. Mean No. of Hours with Temperature Tetal Rel. Hum. 6063166 79510 20 P 1 32 P # 47 F # 73 F # 80 F ▶ 93 F 80-2 9-690 929 44773 48.2 6.520 42062 45.3 6.028 39229 42.2 6.608 Dry Bulb 2197273 929 Wet Bulb 1938152 929 3.6 93 Dew Peint

GLOPAL CLIMATOLOGY BRANCH USAFETAC ALP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2650	ETELSON AFB	A K STATION NAME			73-82			ARS					U S
STATION		STATION NAME					**			PASE	1	7630	-080
Temp.		WE	T 800 8 3	EMPERATUR	E DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1-2 3-4 5						24 25 - 26	27 - 28 29	- 30 × 31		Dry Bulb		Dew Pe
179	† † †	•	•		• 1					1	1		
71 71				• i						1	1		
/ 69		•	1 . 1	•2		1				4	4		
E' / 67		•1 •		• 3	<u> </u>	<u>1</u>	i			8	8		
6/ 65	•1	.4 .6 .		•	,	i i				13	13		
4/ 63		•4 1•3								22	22		
61		. 1.8 .					: i			43	4.3	_	
7 59		•6 1.3		<u> </u>	• •					67	67		
7 57	.2 1.0 4.1 3		2					- 1		8.6	36		_
5 / 55	•1 •9 4•3 3		3	·	•					95	95	75	1
4/ 53		.3 .6					Í	1	İ	104	104	106	3
2/ 51	3.4 5.3 1				+ >					100	100	105	7
577 45		.9 .2 .	1		1			i		119	119		11
47		.9 .1		•		.				78	78	142	12
4 / 45	.1 2.7 3.9	• 3						1	i	65	65	108	12
4/ 43		• 3		— .						31	31	62	11
2/ 41		• 2 • 1							ĺ	38	38	54	9
4 / 35 7 / 37	1.2 1.4		·							24	24 14	32 27	7 5
7 / 35		•								11	11	22	3
34/ 33	• • • • • • • • • • • • • • • • • • • •	<u>• 1</u>				+				4	4		
2/ 31	•2									1	1	3	_
- 1 2c					 -					+ 1		3	
/ 27	. • •			1	1	1 ,				1 1	4	1	
7 25				+ +	+					+ +			
2 / 23	i i				l i	1		:					
2/ 21	+		+	—	+		-++			++			
TAL	1.427.838.719	6 8 6 2	6 .5	•6	. 1		i			1	930		93
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		+ :	+				+ †			1 1			
			1				-	İ					
Element (X)	Z X 2	Z _X	X	₹	No. Obs.			Mean No.	of Hours wi	th Temperat			
Rel. Hum.	5501201	70725	76.0	11.492	930	1 0 F	s 32 F	± 67 F	≥ 73 F	= 80 F	a 93 f		Total
Dry Bulb	2557801	48345		6.932	930		• 2	1.4	•	i	I		9
Wet Bulb	2183195	44731		5 .844	930		.7		<u> </u>		ī		9
Dew Point	1865929	41257		6.197	930		4.7				T		9

0-26-5 (OLA) HVISTO

AFFTAC ROSM

ELORAL CLIMATOLOGY BRANCH
USAFETAC
ATR HEATHER SERVICE/MAC

7 2550
ETELSON AFB AK
STATION NAME

PSYCHROMETRIC SUMMARY

AUG

PAGE 1 1900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point 1 79 -1 . 2 . 1 7:1 77 76/ 75 • 5 . 4 . 4 16 14/ 73 -4 1.J 1.1 . 1 34 34 .4/ 69 46 46 .2 1.2 2.5 1.9 C./ 67 . 4 6 Z 62 6/ 65 -5, 2-6, 1-5, 1-1, 4/ 63 -1 1-8 3-2 1-7 1-1 • 3 2/ 61. .3. 2.9. 3.0. 2.2. 2.3 82 59 1.0 1.7 3.4 2.3 1.3 96 181 96 68 ./ 57 -4, l.6. 2.0 2.9 34 51/ 55 .6' 1.8 3.2 1.8 • 3 130 27 4/ 53 1.2, 2.3, 3.5 113 7.4 741 6.4 2/ 51 2.8 4.2 1.3 87 87 103 110 50/ 49 130 1 3 1 .8 1.7 1.3 ۱, نا 47 39 39 98 118 4./ 45 .3 .5 .4 39 131 •2 ~4/ 43 . 3 10 • 2 • 1 10 37 113 2/ 41 86 4 / 39 • 1 12 40 31 37 ⁷·/ 35 22 31/ 33 18 . 21 10 £ 7 / 27 1 10/ 25 2/ 21 1 ·/ 10 1. / 17 .9 9.416.721.819.213.1 8.3 5.7 4.D 930 930 ZX Element (X) Zx' No. Obs. Mean No. of Hours with Temperature Rel. Hum. 9 93 P 3899941 58579 63-015-041 933 107 1 32 F # 67 F # 73 F # 80 F Dry Bulb 59.5 7.868 19.2 3344834 55292 930 5.0 52.3 5.399 930 Wet Bulb 2573394 48660 93 Dew Point 2002007 42805

M 0.26-5 (OLA) serviso mericus sorrious or n

EFTAC POPE

GLMBAL CLIMATOLOGY BRANCH OF AFETAC AIR WEATHER SERVICE/MAC

7. 2650 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

STATION	-			5	TATION N	AME								46	ARS				MO	MTH
																	PAGE	1	1200	-140 (C. S. T.)
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION	F)					TOTAL		TOTAL	
(F)	0	1 - 2	3.4	5 - 6	7 - 2								23 - 24	25 - 26	27 - 28 29 -	30 + 31	0.8.W.S.	Dry Bulb	Wet Buib	Dow P
6/ 85			-		† · · ·	 		1	-	1		•1					1	1		
4/ 83	- !	ļ	ļ	:	i	1	!		• 2	.2	• 2		4	i		1	10	10))
2/ 81					 	 -		+	• 1	+				 	 		11	11	 	
/ 79	i				1		!	.3	1		1	{	i	1	1 1		19	19	ł	1
7 / 77						 -		2	.4					 	! - -		27	27		
16/ 75					!			1.1		1 -		1	•	Ì		l l	39	39		1
4/ 73				•	- 1			2.0						 	 		69	69		
2/ 71					. • •	• 5		2.0									61	61	1	
70/ 69						1.4						 			 		69	69		
				• 1				1 -		;	ļ		i		}			68	:	
6+/ 67				2		1.4		1.6						 		_+	68			
. / 65			~							11		i	i	İ				61	i	7
4/ 63					1.3			<u> </u>			<u></u>	<u> </u>			 		75 86	75 86	23 65	
27 61	:	_!			2.7			1	_	1	•	1	į]		- 1	1 -1			1
· ~/ 59					2.8	<u> </u>		1		 		<u> </u>		Ì			90	90	,	1
5.7 57	• 2				1.5			,	,		: 	1			i i	:	62	62		1
5// 55	• 1	- 3			2.3				İ	1		, 1		Ĺ		i	58	58		
4/ 53		• 5		2.2				1	_	Ī	:		, — —	1			43	43	, -	1
2/ 51		• B	1.9						L	i	1						40	40		
201 42		1.0	• 6	• 1							[i	,				21	21		1
4 / 47			. 4	• 3	• 2				ļ	i	1	1	ļ		1 !	j	10	10		
49/ 45			.4			• 3				1							7	7	25	
14/ 43				ĺ		1	i	1	ĺ	i	[i	I	I	1 1.		L _ i		23	
27 41			• 3				-							,			3	3	11	
41/ 39		1		!								i	İ	į	1	1	1 1		3	
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16/ 35)		1	1	!	1		}	1		1			1 :				3	
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TITAL	. 3	2 . A	8.7	11.3	14.8	15.4	17.0	12.3	7.6	6.3	2.3	. 9	• 3		 		1	930		93
	• •									1		}				- 1	930		930	
Element (X)		Zx'			ZX	Τ-	X	-	Ή.	No. Ol	s. T				Mean No. o	f Hours wi	h Temperen	#*		
Rel. Hum.			4748	<u> </u>	489	06		15.4			30	5 0	F :	32 F	≥ 67 F	≈ 73 F	+ 80 F	+ 93	F	Tetel
Dry Bulb			1213		597			8.4			30				37.4	17.6	3.5	1		5
Wet Bulb			7183		503			5.3		9	30				•2			\top		
Dew Paint			6734		421		45.3				30			3.6				+		9

NAM 0.26-5 (OLA) REVISED REVIOUS EDITIONS OF IN

GERRAL CLIMATOLOGY BRANCH USAFETAC ATH WEATHER SERVICE/MAC 1 2550 ETELSON AFB AK

PSYCHROMETRIC SUMMARY

7 2550	EIEL	SON	ĄFI	BAK	TATION N	41.00				7 <u>3-</u>	82				E ARS						U.G.
3121134				•										·				PAG	E 1	15.00	-1700
-							044 0	TEMPER	ATHE	05005	CELON /	<u> </u>						TOTAL		TOTAL	
Temp. (F)	0 1.	2	3.4	5.4	7.8								23 - 24	25 . 24	27 - 21	29 - 30	e 31		Dry Bulb		Dow Point
3/ 87						7 10	111111	1.5				-		1 1 1 1	-	1	1		1		+
6/ 85					:					. 2	-1]	. 3	ļ	ļ]		7	1 -)	
4/ 87					-						. 1	• 5	.2	†		1		8	8		+
2/ 81						į				-5	8	9	-1	İ	l	1	Ì	21	21		
/ 79					+	-	•	!	. 4		1.2	. 4			1	 		28		1	1
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2/ 61	į		.2	1.5	1.6		8					1	l.	İ	Į	1		70			
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56/ 55				1.7		• 3	.5							1		1		48	,	7	
4/ 53		1		2.0		•	.1	i			!						1	29			
2/ 51		. 9	.9	• 2			- 4											28	28	87	
EU/ 49		.0.	.8					,		í		i i		Į.	}	1	1	24		97	1
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45/ 45			. 4	• 1		2		i J			!	l i		i	İ	į.	<u> </u>	7	7	31	124
-4/ 43			-1			• 2								1		:		3	3	16	107
62/ 41	1						:			i				1		i				16	
4./ 39		-			•									T			1				51
3 / 37	1	- 1						L i		L	l	Ł i		1		i	1	<u> </u>	L	2	40
7 35																			1	3	38
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7/29	ļ	. :	į				Ĺ								L.		L	l	L	Ĺ	6
2 / 27			•							,							[12
26/ 25			i			<u> </u>		i			L					<u></u>	<u> </u>		l	<u> </u>	2
24/ 23																				1	1
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Element (X)	ž X				ZX		I	" 2	\Box	No. Ol	6.				Moon	No. of H	lours wi	A Tempera			
Rol. Hum.						$\Box \Box$						# 0		s 32 ₽	≥ 6	7 -	73 P	+ 90 F	- 93	F	Total
Dry Bulb											\Box		\Box								
Wet Bulb											\Box										
Dow Point															$\mathbf{I}_{\cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot \cdot $						

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 7: 2653 EIELSON AFB AK 73-82 AUG STATION 1508-1738 HOURS (L. s. T.) WET BULB TEMPERATURE DEPRESSION (F)

1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-38 +31 D.B.-W.B. Dry Suits Wes Suits Dew Point 2-7 7-411-61 7-31 5-6 13-312-7 11-5 7-1 5-1 2-2 -5 930 930 TAL ť 0.26-5 (OL A) Mean No. of Hours with Temperature No. Obs. USAFETAC 49.816.175 65.4 8.657 54.3 5.297 44.7 6.585 2553250 4041368 Ret. Hum. 46352 60776 930 ± 32 F = 67 F = 73 F = 80 F = 93 F Dry Bulb 930 41.4 20.1 93

930

930

93

50529

2771425

1899844

Wet Bulb

Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC Alf Reather Service/Mac

7: 2550 EIELSON AFB AK STATION NAME

PSYCHROMETRIC SUMMARY

AUS MONTH

TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 > 31 D.B./W.B. Dry Bulb 6/ 85 . 1 4/ 83 2/ 81 • 2 6 - 1 6 • I • 2 1 79 . 4 .4 10 10. 7:/ 77 • 8 . 5 19 19 76/ 75 .9 1.5 1.0 35 35 747 73 • 3 .1 12/ 71 **9.3** 43 53 "0/ 69 .8 1.2 1.4 1.3 . 8 - 1 53 6. / 67 .5, 1.4, 2.5, 1.9, 1.5 1.6 2.2 1.8 1.9 1.0 91 81 3 6/ 65 . 2 £47 63 4. 1.7 B. 2.2, 1.2 69 69 .2 1.2 2.3 2.3 1.0 1.1 53 88 88 2/ 61 . 1 -2, 2-2, 2-6 1-7 1-5, Въ 24 100 21/ 57 .1 2.7 2.0 2.4 109 5: / 55 .9 .9. 2.5. 2.5. 1.4 79 79 117 48 4/ 53 .6 1.6 2.7 .3 55 55 . 4 • 2 139 75 •5, 2•5, •9, •6 104 _.2 50/ 49 1.2 1.6 1.1 40 40 96 113 4:/ 47 77 105 1.4 .3 .9 26 26 4 / 45 . 1 45 131 8 • 6 • 1 103 44/ 43 -2 28 2/ 41 2 18 74 4 / 39 3°/ 37 46 1 / 35 41 3./ 33 13 2/ 31 W/ 29 1 27 1 25 5 4/ 23 Zx' Mean No. of Hours with Temperature Element (X) 107 s 32 F ±47 F = 73 F = 80 F = 93 F Rel. Hum. Dry Bulb Wet Bulb Dew Peint

73-82

0-26-5 (OL.A) RIVIND PREVIOUS

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GLUBAL CLIMATOLOGY BRANCH USAFETAC ATH BEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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	_											_											
Temp.	ŧ					WET	BULB	TEMPE	RATUR	E D	EPR	ESSION	(F)							TOTAL		TOTAL	
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Temp.							WET	T BL	JLB 1	TEMPER	RATURE	DEPR	ESSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - (7 .	. 8	9 - 10	11	- 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 24	27 - 26	29 - 30	× 31	D.B./W.B.			
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Dew Point			749			277				6.5			30			3.3	1			 	1		9

AFETAC NOW 0.26-5 10

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

7 2650 EIELSON AFB AK STATION

PSYCHROMETRIC SUMMARY

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Temp.						WET	BULB	TEMPER	ATURE	DEPR	ESSION	(F)						TOTA			TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 14	17 - 10	19 - 20	21 - 22	23 - 2	4 25 - 2	6 27 - 2	8 29 -	30	11 D.S./W.	B. D.	ry Buib	Wet Bulb	Dow Po
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or Bulb			0138		462			5.7			30	├							}			9
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0.26-5 (OL.A) sensio meno

PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC AUG 71 2550 EIELSON AFB AK 73-82 STATION STATION NAME PAGE 1 HOURS (L. S. Y.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Bulb Wet Bulb Dew Pain • C 8/ 87 6/ 85 21 4/ 83 • 0 • 0 • 1 21 • 0 38 38 2/ 81 •1 •0 79 • 1 • 3 • 1 62 62 7 / 77 90 90 161 75 .1 . 6 . 6 - 1 128 128 74/ 73 182 182 - 0 - 1 7.27 71 211 211 /0/ 69 264 264 1.1 • 5 289 t 1 67 1.1 289 6 1.2 1.0 338 17 : 6/ 65 338 47 63 90 -2 1.0 1.1 1.3 . 1 .0 375 375 2/ 61 .1 .5 1.8 1.8 1.3 . 1 466 466 227 2.2 1.5 579 574 435 • 2 .6 2.2 2.2 1.5 .8 3.7 2.4 1.4 .1 57 553 553 611 616 739 55/ 55 • 1 616 4/ 53 •1 1.6 3.2 2.7 - 1 620 620 871 51 3.8 1.3 625 625 846 77 •0 2.6 • 6 • 1 cn/ 49 . 9 . 3 617 617 905 .1 3.4 3.5 • 0 7.57 47 2.9 1.7 1.0 442 442 878 .0 1.8 4:/ 45 314 314 635 • 5 947 93 1.0 1.1 • 2 178 178 396 12/ 41 1.1 160 284 160 . 1 • 0 4./ 39 • 1 • 0 107 107 189 3~/ 37 63 63 138 .0

0.26-5 (OL

2-/ 27 24/ 25 24/ 23 2/ 21 Element (X) Rel. Hum.

Dry Bulb Wet Bulb Dew Paint

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34/ 33 2/ 31

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GLOBAL CLINATOLOGY BRANCH

Mean No. of Hours with Temperature X +67 F = 73 F - 80 F - 93 F Terei 10 F 1 12 F

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GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 7 2550 EIELSON AFB AK HOURS ([. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 a 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin ? / 1º 1=/ 17 TOTAL .618.525.117.210.9 8.5 6.7 5.2 3.7 2.2 1.1 7439 7439 . 1 7439 Element (X) Rel. Hum. 107 1 32 F +47 F +73 F +00 F +93 F 34947218 992932 46.317.523 7439 24859147 19303056 57.0 9.721 50.5 6.494 44.7 6.487 423909 7939 7939 Dry Bulb 744 Wet Buib 375848 744 Dew Point

GLOGAL CLIMATOLOGY BRANCH UNAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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3741108				•	IATION N	AME								•				PAG	E 1	JODO:	-020
Temp.						WET	BULB	TEMPERA	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8			13 - 14					23 - 24	25 - 26	27 - 26	29 - 30	+ 31	D.S./W.S.	Dry Bulb		Dow Poi
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Dry Bulb			1709		367			6.93			00			10.7		\Box					9 (
Wet Bulb			3116		338			6.01			00			19.6		$\perp \Gamma$					9 (
Dew Point		102	6525		297	43	33.0	6.96	3	9 (ו פט		I	40.6	-l	_ I		I — —			90

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6LOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2650 STATION	EIELS	ON AF	BAK	TATION N	AME				73-82			YEAR	-					E P NTH
				•											PAGE	1	n300	-05ü
Temp.					WET	BULB '	TEMPERA	TURE D	EPRESSIO	(F)					TOTAL		TOTAL	
(F)	0 1.	2 3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16 3	7 - 18 19 -	20 21 - 22	23 - 24 25	- 26 27	- 28 29 -	30 > 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dow P
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Element (X)	2 X,			ZX		X	•		to. Obs.						A Temperet			
Rel. Hum.		35.05		697			12.28		900	201			≥ 67 F	* 73 F	- 90 F	• 93	-	Total
Dry Bulb		85010		347			6.77		900	+		2						
Wet Bulb		9435		323			6.08		900	 		7.6			 	+	-+-	
Dow Point		57227	Ľ	286	H	<u> ومند</u>	6 . 95	<u> </u>	9.00			<u> </u>				┺		

0-26-5 (OLA) REVISE MENOUS EDITIONS O

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC EIELSON AFB AK 7 2650 73-82 SEP STATION STATION NAME PAGE 1 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 0.8./w.s. Dry Suib Wer Buib Dew Point 6/ 65 • 1 / 59 5 / 57 • 1 • 1 10 • 6 10 • 3 4/ 53 . 4 16 16 . 7 27 51 • 1 .8 26 20 47 1.0 1.2 1.0 • 3 37 37 4 / 47 .2 1.3 1.8 2.1 56 • 1 56 36 1 41/ 45 .2 4.6 3.6 2.1 • 1 96 42 23 14/ 43 .3 3.9 4.3 89 95 • 9 89 28 27 41 .6 4.7 5.6 105 • 8 105 47 4 / 35 .4 4.6 3.4 78 . 6 ε 1 81 126 3.1 37 .8 5.7 3.0 89 89 101 112 · / 35 .9 5.8 1.9 83 8 3 92 136 347 33 .7 5.3 1.7 89 .6 .2 5.8 1.0 1.0 .1 1.9 .7 2/ 31 72 72 132 64 .1 1.9 .1 2.0 .2 1.2 .1 7 7 27 24 24 67 21 21 63 25 13 27 59 24/ 23 • 2 3 10 30 27 21 24 1 / 10 24 7 1 / 15 1 C . 1 1 / 11 1 / 9 1 ₹ 1 **●** g 4.748.629.611.3 2.3 2.3 900 200 Element (X) Zx' Mean No. of Hours with Temperature ¥ No. Obs. 76.912.927 Re!. Hum. 5468625 69185 900 2 0 F 1 32 F ± 67 F = 73 F - 80 F - 93 F 39.9 6.956 Dry Bulb 1476466 35912 900 13.8 90 37.0 6.136 32.8 7.091 Wet Bulb 1266248 33304 900 21.0 90 Dew Point 40.5 1015296 29548 900 90

7 2550 EIELSON AFB AK
STATION STATION NAME

Temp.

(F) 0 1.2 3.4 5.6 7.8 9.

GLOBAL CLIMATOLOGY BRANCH ... AFETAC A.S. LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1 0900-1100 HOURS (L. S. T.)

SEP

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL WET BULB TEMPERATURE DEFRESSION (F)

0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Paint 1 69 1 67 6/ 65 . 3 ç Q 4/ 63 • 1 27 61 .4 1.2 • 1 27 27 4.3 . 3 .9 1.4 1.1 / 57 . 8 . 3 •2 •9 7-1 7 3 • 5 49 49 5_1.55. 5.3 4/ 53 58 19 2/ 51 .9 2.3 1.8 2.R .7. 78. 73. 42. 7. .8 4.4 3.8 1.4 • 3 98 98 67 13 1.47 2.7. 3.2. 2.3. 1.1 85 4./ 45 2.7 3.2 2.7 э: 93 155 49 4/ 43 2.2 3.3 2.0 u. .24 áĠ 27 41 .1 1.2 2.0 92 96 41 ٠. 4 / 39 1.5. 2.7. .7. .2 46 68 95 2 / 37 2.2 2.3 1.0 .2 49 49 51 94 / 35 ?¹/ 33 1.9 1.2 .9 .2 38. 95 1.0 2.3 .6 35 35 39 99 ./ 31 .1 .7 .5 £ 7 / 29 14 • 3 • 1 37 55 1 27 701 25 2ь Ł 24/ 23 18 2/ 21 28 10. 1 / 17 1 / 15 16/ 13 .318.829.421.011.9 6.9 6.0 3.3 900 903 Element (X) ZX, No. Obs. Mean No. of Hours with Temperature Rel, Hum. +67 F +73 F -80 F -93 F 1 32 F 65.316.341 10 # 4041272 58490 900 Dry Bulb 2121539 43050 47.8 8.323 900 2.3 Wer Bulb 1646758 38076 900 3.6 42.3 6.318 90 1191821 35.7 7.263 9.00 32093 27.3

FORM 0-26-5 (OL.A) REVISED PREVIOUS EBITIONS O

IN CAPETAC NOW

GL PAL CLIMATOLOGY BRANCH E JAFETAC **PSYCHROMETRIC SUMMARY** A. . . EATHER SERVICE/MAC 7 2650 ETELSON AFB AK 73-82 VF ABS STATION 1200-1400 PASE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 | 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 4/ 73 . 1 7 71 • 1 21 / 67 . 4 .7 1.6 . 4 0/ 65 1.9 53 53 4/ 63 .7 2.3 . 4 44 44 .3 1.0 1.1 3.8 61 . 2 62 62 •1 1•9 2•7 2•2 2•2 •7 2•2 2•3 2•4 1•0 34 7 57 2.1 2.2 2.6 1.2 5-7 55 79 79. 18 47 53 .3 1.1 1.6 68 35 68 2/ 51 TT/ 47 1.7 1.4 .6 1.9 1.1 . 3 2.2 1.3 • 9 67 147 0 / 47 .7 1.2 1.4 . 7 147 4 4 44 4 / 45 .3 1.7 1.E . 9 . 2 4 4 4 4 120 4/ 43 .4 1.2 1.1 •6 •2 •3 •1 3.2 32 83 57 -- 27 41 .4 I.T 1.T 30 30 62 76 . . .8 1.2 1.3 1.0 .7 1.6 40/ 35 38 38 39 95 7-/ 37 55 MEVICUS EQITIONS OF THIS 35 .6 1.8 .7 29 29 30 96 3 7 33 . 4 35 134 2/ 31 32 35 27 47 / 25 2/ 23 2/ 21 27 18 10 70/ 15 23 1 / 17 õ 1 / 15 0.26.5 1 / 11 TITAL 5.715.317.317.014.710.311.8 3.9 2.1 1.9 900 900 900 Element (X) 53.416.767 No. Obs. Mean No. of Hours with Temperatu 2817014 48 C4 D 900 Rel. Hum. 1 32 F + 67 F + 73 F - 80 F 2629035 53.3 9.010 Dry Bulb 47963 900 Wet Bulb 1852270 40444 99.9 6.222 900 4.8 90 Dew Paint 1173884 31830 35.4 7.319 900 29.4 93

GECBAL CLIMATOLOGY BRANCH C: AFETAC A39 *FATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

1 2650 EIELSON AFB AK 73-82 SEP
STATION STATION NAME VEARS MONTH

PAGE 1 1530-1738 Hours (C. s. f.)

Temp.					WET	BULB	TEMPE	RATURE	DEPRE	SSION	F)						TOTAL		TOTAL	
	0 1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	4 25 - 26	27 - 28	29 - 30	+ 31	0.8./4.8.	Dry Bulb	Wet Bulb	Dew Pe
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2/ 71					i		. }	3	• 3								13	13		1
/ 69								. 2			. 3		Ì		<u> </u>	Ì	11			
(/ 67	•		•	• 1	. 1		1.6									i	36	36	-	
6/ 65						• 7	8	. 9				L		1		<u>. </u>	41	41		<u> </u>
4/ 65	•		• 1		. 9	. 6	2.7	1.6	• 2	• 1	!	Ī		Ì	•		51	51		
2/ 61				4	1.0	2.3	4 .2	. 9	i			i	<u>.i</u>		<u>i </u>	1	6.0	80		<u> </u>
/ 59				2.1	3.7	3.1	2.1	. 1			Ī	:	Ī	İ	i	Ť	100	100	3	ī
. / 57.								1	ı	l 	1		1	1			67	67	12	
5 / 55		• 1	1.1	2.0	1.2	1.4	. 2		•		•	!				i	5.5	55	18	İ
4/ 53	. 6	1.1	1.7	2.	1.2	1.3	1	+				<u> </u>		\perp		<u> </u>	12	72,	40	-
-2/ 51	• 1	1.0	1.8	2.1	1.8	• 6			:		:	:	1	1	1	i	€ 6	66	75	
501 45	2.	1.8	2.4	1.6	9		ļ	<u> </u>					1	1	ļ	<u> </u>	62	62	132	
/ 47	•1	1.7	. 8	1.8				r .			:		:	1	į	:	39	39	167	1
4 / 45	. •2.	1.7	1.7					<u> </u>	<u> </u>					·		<u> </u>	44	44	108	4
4/ 43	• 3	1.0	. 4	. 4	• 3		:	1	i	i			:	ļ	-		23	23	5 B	4
2/ 91	9	1.1	1.3	• 9	1			ļ	·				-			ļ	39	39	57	
FC1 39	.6	1.1	• 6	1.2	- 1								1	i		i	32	32	54	13
3 / 37		• 9	1.1	8	•			ļ	L					<u> </u>	·	↓	31	31	32	
·/ 35	•2		• 9				:		:					'			27	27	29	10
34/ 33			3							<u> </u>				·			6		33	<u>. 6</u>
2/ 31		• 1			: !			1		İ	ř						1	1	31	5
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167-15	,					į			İ									•		
11/ 13						<u> </u>		ļ		ļ				↓		-	1			<u> </u>
1 / 11	•			i 		į		ł					1	!				1		ĺ
Element (X)	ž _X ,			ZX		X	•.		No. Ol	s.				Mean			h Temperet			
Rel. Hum.					\perp		<u> </u>				5 0	-	≤ 32 F	* 67	P .	73 F	- 80 F	- 93 F	'	Tetel
Dry Bulb			L				L							↓			<u> </u>	↓		
Wet Bulb			L				ļ							\bot			<u> </u>			
Dew Point			I				1	, –		1	-	1		1	1		į	1	ŀ	

OBM 0.26-5 (O). A) HVISED MEVIOUS EDITIONS OF THIS

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** U'AFETAC ALE WEATHER SERVICE/MAC SEP 7 .3550 ETELSON AFB AK 73-82 STATION STATION NAME PAGE 2 1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

3 · 4 · 5 · 6 · 7 - 8 · 9 · 10 · 11 · 12 · 13 · 14 · 15 · 16 · 17 · 18 · 19 · 20 · 21 · 22 · 23 · 24 · 25 · 26 · 27 · 28 · 29 · 30 · 231

D.B./W.B. Dry Bulb Wer Bulb Dew Point 3.913.814.317.914.912.213.6 4.9 2.2 1.8 .6 900 900 938 900 į REVIOUS ţ 0-26-5 (OL. X . 50.916.209 No. Obs. Mean Ho. of Hours with Temperature Element (X) = 67 F = 73 F = 80 F 2569356 2694200 900 ■ 93 F 20F s 32 F Rel. Hum. 45824 53.9 9.198 45.0 6.301 34.8 7.334 Dry Bulb 98542 900 • 1 90 Wet Bulb 1859547 40515 900 90

900

Dew Paint

31275

1135161

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

7 2650 EIELSON AFB AK
STATION STATION NAME

PSYCHROMETRIC SUMMARY

SEP

Temp.			WET BULB	TEMPERATU	RE DEPRESSION	(F)				TOTAL		TOTAL	
(F)	0 1-2 3-4	5-6 7-8			16 17 - 18 19 - 20		- 24 25 - 26	27 - 28 29 -	30 - 31	D.B./W.B.	Dry Bulb		Dew Pe
1 69			1	.,						2	2		
5./ 67		- 1		2	2	,		j	1	7	7		
6/ 65		• 1	• 3	•2	.1	T				7	7		
4/ 63		.1 .1	37		1 .2	1 .		.		1.9	19	. :	
2/ 61	•1	• 2			4					29	29		
. / 59	•1		1.0 1.2		2 2	1	j !			39	_	2:	:
1 57	•1		1.9 1.9		. 3					5 2		4	
5.7.55	11	1.1:1.1	2.6 1.4	4			i			67			
4/ 53			1.7 1.1		, , , , , , , , , , , , , , , , , , ,					7.3	73	16	
2/ 51	8.2.4	3.0 2.1	• 7				1	i	1	. 81	81.	41.	
51/ 49	.9 4.3	3.1 1.6	.7 .1		-		T			96		65	1
5 / 47.		2.4.1.7				i		i		91	. B1:	198.	_ 2
4-/ 45	1.3 2.2	1.9 .6			,					5.4	54	147	
4/ 43	1.4. 2.6	3.1 .6	1			1 .	1. 1		i	69	69	116	5
.2/ 41	1.7 2.1								1	46	46	95	6
4 / 39	1. 1-1. 2-4	1.1	:	L. i	_4					43	43	69.	. 11
7 / 37	1.2 1.9	. 9				•				36			
·/ 35	2.19	1.7 .3			1				i	L_ 45	45.	41.	_ 1.
51/ 33	.6 1.9	1.0 .2					7.			33	33	42	1
2/ 31	.3.1.3	3;		i	1					18	18:	241	9
1 23	•2									2	2	7.3	6
1 27	-1.					1 1	. 4 1			1 1	1	2.3	4
1 25			•									2	3
21/ 23:							11	i		!	1	1	1
2/ 21					T -					,			1
/ 15			li			L _ i.	1			1 :		i	2
1 / 17		,			T					!			
1 / 15				L		1						i	
11/13													
1./ 11.		·	i i						1	1 . 1	!	i	
TAL	.112.828.1	23.812.0	9.6 8.8	3.2 1.	2 .3 .1						930		90
										900		920	
lement (X)	Z _X ,	ZX	T X	I	No. Obs.			Mean No. of	Hours wit	h Temperet	ure		
Rel. Hum.	3728945	561	35 62-4	15.914	900	1 0 F	s 32 F	± 67 F	+ 73 F	- 80 F	+ 93 F	T	Tetel
Dry Bulb	2171134	435		8.373	900		2.1	.9			T -		9
Wet Bulb	1655008	381		6.447	900		8.3						9
Dew Point	1163090	316		7.463	900		31.0					$\overline{}$	9

BM 0.26-5 (OL.A) BEVISED MEVIOUS EDITIONS OF THIS

JSAFETAC FORM A 24 E 100 E.

GLIBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATT WEATHER SERVICE/MAC SEP 7 2550 EIELSON AFB AK 73-82 STATION STATION NAME MONTH PASE 1 2100-2300 HOURS IL. S. T. TOTAL
D.S./W.B. Dry Sulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) 6/ 65 4/ 63 11/ 59 57 .2 1.7 20 20 / 55 .7 1.2 • 2 . 6 .4 1.2 1.0 34 4/ 53 • 3 34 2/ 51 ₹ 0 .3 1.0 . 4 . 8 39 11 7 45 1.2 2.2 1.4 1.1 58 58 26 / 47 .1 3.0 4.0 2.7 1.0 99 99 52 3.3 4.6 2.3 103 103 3.6 5.5 3.3 38 4/ 43 113 113 111 113 12/ 41 3.1 4.1 2.0 83 E 3 67 4. / 39 .7 2.3 3.8 69 69 122 84 52 99 37 ·4 1.8 3.0 52 150 11/ 35 .3 3.9 1.9 1.3 67 67 68 109 2.3 .3 1.6 2.3 .9 347.33 47 47 68 68 1.6 2.3 .9 1.1 1.1 .1 2/ 31 7/ 29 43 43, 47 94 38 2 / 27 34 63 1 14 45 24/ 23 27 21 .1 19 1 / 19 3. 1 / 17 9 1./ 15 3 14/ 13 1 1 / 11 0.26-5 (OL A) 6 2.128.136.617.3 6.9 5.3 3.2 TOTAL 300 900 900 900 Element (X) I No. Obs. Meen No. of Hours with Temperature SAFETAC 4691261 70.714.856 900 5 0 F 1 32 F ± 67 F = 73 F - 80 F • 93 F 93 38967 43.3 7.355 39.2 6.153 33.8 7.218 900 7.1 Dry Bulb 1417792 35290 900 90 13.9 Wat Bulb 900 90 Dew Paint 1073814 30402

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

7 2650 EIELSON AFB AK

PSYCHROMETRIC SUMMARY

STATION				\$	TATION N	AME				-				¥	EARS					140	MTH
			_						_	_		_					_	PAG	E 1	HOURS	L 8. T.)
Temp.			-			WET	SULB	TEMPER	ATURE	DEPR	ESSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	= 31	D.S./W.S.	Dry Bulb	Wet Bulb	Dow Po
6/ 75				•			-	:		1	• 2							2	2		1
"/ 73			_		_			عـ ا		مما	1						1	5		ĺ	i
2/ 71						· · · · · · · · · · · · · · · · · · ·		• 1	•0	· —	7							15			1
: / 69 :						<u> </u>	1	11			1	a n			<u> </u>	i	1	35	_		
/ 67				• 0	.0	.0	. 1	,		-		• D						64			
6/ 65					1	1	2	4	. 4	.2	í			Ĺ.,			Ĺ	113			
4/ 63			*	• 1	• 3	• 2	. 4	• 7	• 3	. 1	• 5							137	137		
2/.61.				. 0	_ 1	3	۶	1.1	2	1					<u></u>		i	206	206	1	1
0/ 59			- 1				1.0	-8	. 1	. 0								278	278	5	
./ 57.		.0	1	3		1.9	1.0	3	1		·			<u> </u>	L		<u> </u>	277	277	28	 _
1 55	•	• 3	. 3	. 7	1.1	1.3	.7	- 1		1								304	304	47	
4/ 53.		2	. 6	1.1	1.4	_ 9	5	1			<u> </u>	Li					<u> </u>	348	348	116	11
e/ 51	,	. 4	1.4	1.2	1.7	. 7	. 3	. •C			i		_					407	407	259	2
J/ 45	0.	• 7	2.3	2.0	1.0	. 5	2				L			L	<u> </u>		L	420	980	465	5
/ 47	-1	1.5	2.2	2.0	1.1	. 3		:		-				!			1	532	532	673	11
1 45	•2,	2.3	3.2	1.8	5	-1				1				<u> </u>		i	Ĺ.	584	589	737	_2a
4/ 93	•2	2.4	3.2	1.6	. 4	1					:	,]	ĺ		557	557	784	33
2/ 41	•2.	2.6	3.1	1.3	. 3	D	.			<u> </u>				1	ļ		<u> </u>	532	532	696	52
C/ 39	. 3	2.5	2.8	. 8	• 3	• 0	:	i		1				İ				480	480	707	69
	3.	3.0	2.3	8	. 2		<u> </u>	.		↓	<u> </u>							478	978	587	77
/ 35	. 4	3.1	1.9	1.0	. 1		•			1	1	·		i				465	465	517	8 4
/ 23.		2 · B	1.6		0,									<u> </u>			ļ	367	367	488	70
2/ 31	•1	2.3	1.2	• 5				:			i	i		l	!		ĺ	298	298	402	77
1 29.	1;	1.0	5					i			L			<u> </u>				116	116	351	55
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0/ 23		• 1	-					<u> </u>		j	į	ſ		!	; ;		ĺ	7	7		
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lement (X) pl. Hum.		- X.			· X	-	<u> </u>	•	+	Ma. 01	100				- 47			+ 00 P	 _		Total
ry Bulb						+			+			101	<u>- '</u>	32 F	= 67		73 F		• 93 1		1 6761
er Bulb						_		 	+						├			 	+	- 	
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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIF WEATHER SERVICE/MAC 7 2650 SEP EIELSON AFB AK 73-82 STATION PAGE 2 WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.B. Dry Bulb Wet Bulb Dec (F) 7200 2.226.127.015.7 9.5 7.3 5.4 4.1 1.4 7200 7230 ğ 0.26.5 1 4. 66.517.830 45.8 9.694 43.5 7.360 Element (X) Zz' E X No. Obs. 7200 7200 34095143 15754835 478547 329491 10F 1 32 F + 67 F + 73 F + 80 F + 93 F Rel. Hum. 53.4 720 12.1 Dry Bulb 7200 12195097 291927 109.0 720 8736818 7200 283.2 Dew Peint

GL'BAL CLIMATOLOGY BRANCH ULAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK STATION NAME 1000-020C PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 12/ 51 - 2 a / 47 4.7 45 . 5 • 1 . 4 . 4 • 2 16 16 4/ 43 2/ 41 .2 • 1 • 1 • 1 40/ 39 5 / 37 •2 •2 . 9 15 15 1 4 1.6, 1.8, .9 90. 3 / 33 .6 3.8 4.2 87 2/ 31 .4 6.D 2.8 1.6 LOI. 101. 77: 9.5 1 29 .3 3.1 3.2 98 40 62 62 ./ 27 37 1.3, 4.6, 2.3 76 76 ~/ 25 .9 7.0 78 78 100: 9) 2-1 23 .4. 4.5. 1.4. 90 48 60 60. 2/ 21 / 1° 2.7 3.2 53 •6 62 62 62 1.3 4.7 62 64 134 ' / 17 •3 2·0 24 24 40 94 1'/ 15 .3. 2.7. . 3 31 29. 61 .3 2.2 13 24 24 26 40 .1 1.5 15 15 21 42 .1. 2.7. .2 1.6 17 13 17 26 1.5 .1 1.9 19 . / 1 19 24 16 1.1 .3 20 10 17 11 .6 -1/ -5 -1/ -7 14 15 / -9 1-7-11 • 3 3 15 -1./-13 5 -1"/-15 • 5 21, No. Obs. Mean No. of Hours with Temperature Element (X) 1 32 F ± 47 F → 73 F - 80 F Dry Bulb Wet Bulb Dew Paint

73-82

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GLERAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** LIAFETAC A " WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK OCT 0000-0200 HOURS (C. S. T.) PASE 2 TOTAL TOTAL
D.S./W.S. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 7 - 1 9 • 1 2/-23 1 /-29 /-31 2/-33 3/-37 14.656.118.4 6.3 1.4 1.2 .3 930 930 930 1 Element (X) No. Obs. Mean No. of Hours with Temperature 72.213.773 930 930 Rel. Hum. 5019411 67113 2 0 F s 32 F ≥ 67 F = 73 F Dry Bulb 639645 4.6 74.1 534838 5.1 Wet Bulb 19696 21.211.256 930 84.4 93 91.8 14100 Dew Peint 365994 930

GLOSAL CLINATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY ASP REATHER SERVICE/HAC 7 2650 EIELSON AFB AK
STATION NAME 73-82 OCI 7300-0500 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Buth Wet Buth Dew Point 1 / 47 •1 •1 •1 5 4 - / 45 - 4 • 1 4/ 43 5 5 4 ./ 39 •1 •6 . 8 • 1 15 15 ì 1 3 / 37 18 7./ 35 .1 1.2 1.4 3 28 28 13 .4 3.6 3.3 74 74 51 11 2/ 31 •5 4.6 4.0 •4 3.2 2.0 . 4 89 89 53 35 56 90, 56 . / 27 1.8 4.6 1.5 75 75 90 50 1 25 .1 8.0 1.1 85 85 76 9.0 c4/ 23 .2 5.6 •6 60 60 102 40 1.7 5.3 .1 2/ 21 68 2.5 4.8 / 19 • 5 73 67 103 1 / 17 .5 2.3 .1 27 27 88 19/ 15 .6 2.7 35 35 32 68 14/ 13 2.6 55 .2 2.4 1 / 11 24 26 1./ 2.4 29 22 22 34 Į 7 . / 1.4 13 13 27 15 .2 2.0 19 3 .1 1.6 16 16 21 28 20 24 21 1.1 -1 14 19 18 14 10 13 -5 4 5 19 -(/ -7 11 • 3 3 12 21 -1./-13 2 9 -13/-15 -1 /-17 Element (X) X No. Obs. Rel. Hum. # 67 F # 73 F # 80 F # 93 F Dry Bulb Wet Bulb Dew Point

• ? GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650	EIELS	ON AFB	AK				73-82							0.0	
MCITATE			STATION NAME						ΥI	EARS		PAS	Ε?	7300-	-050
							F 5 5 5 5 5 6 10 5					TOTAL		TOTAL	
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Rel. Hum.		57119	67391		613.		928	10F	s 32 F	≥ 67 F		- 90 F	• 93 f	, 1	Tetel
Dry Bulb		03533	2073		.312.		930	5.			1	+	1		9
Wat Bulb		09282	18936		. 411.		928	6.			1	1	1		<u> </u>
Dew Paint		54616	13436		.513.		928	13.			+				9

ELECAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** 2 UL AF ET AC ATT WEATHER SERVICE/MAC 7 4653 EIELSON AFB AK 73-82 PAGE I 7636-080C WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Poin 4 / 47 •5. •1 4/ 45 7 •3. •2 . / • 5 14 14 1.6 1.7 .4 17 17 35 37 37 18 34/ 33. .4. 3.5. 3.6. .5. 76 76 48 27 31 .3 3.3 3.0 65 65 63 33 1.4 3.8 2.3 1 20 68. 65 34 66 73 87 55 1 25 70 70 .2 5.9 1.6 66 67 88 49 2.1, 4.8, .2 2/ 21 56 64 7.2 a 1.5 6.5 .1 75 19 75 61 101 1 / 17 •6 2•6 •6 3•5 •5 30 33 73 1 / 15 43 43 29 80 1 / 13 .2 2.8 28 46 1 / 11 28 .4 1.8 30 .1 2.3 22 22 16 1.4 1.7 21 23 19 .1, 1.7 34 •8 •2 22 21 1.5, .6 9 ã 16 0-26-5 (OL • 5 13 /-11 -1 /-13 -14/-15 . 41 31/-17 • 3 6 1-/-19 No. Obs. Element (X) Mean No. of Hours with Tomperature *x Rel. Hum. 107 1 32 F # 67 F # 73 F # 80 F + 93 F Dry Bulb

Wet Bulb Dew Point

GL'3AL CLIMATOLOGY BRANCH SEETAC PSYCHROMETRIC SUMMARY A F REATHER SERVICE/MAC 7 2650 STATION CCT EIELSON AFB AK YEARS 0600-0800 HOURS (C. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 . 2 3 . 4 5 - 6 | 7 - 8 9 - 10 | 11 - 12 | 13 . 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb Wet Bulb Dew Point (**F**) ?-21 2/-23 1/-25 1-27 1-20 1-31 • 1 21-33 34/-35 7-37 4/-45 TITAL 15.761.217.6 3.3 1.3 926 926 3 1 (OL A) 0.26.5 No. Obs. Mean Ho, of Hours with Temperature Element (X) ZX T 5038209 588167 72.613.124 926 930 10F 132F 5.6 76.0 Rel. Hum. 67215 ■ 73 F + 93 F 93 Dry Bulb 20335 28.011.649 84.4 495690 18514 926 7.0 Wet Bulb 349735 13019 926 14.1 91.5 93 Dew Point

GLGSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

2650 STATION	EIELSON		STATION N	IAME				73-1	82			YEARS				O(
														PAG	E 1	19111-	-11 O
Temp.								DEPRE						TOTAL		TOTAL	
(F)	0 1-2	3 - 4 5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 - 2	26 27 - 28 29	- 30 - 31	D.8./W.B.	Dry Bulb	Wet Bulb	Dew Pa
/ 57				Ī	1	•1	ļ — —							2	2		
5 / 55	·		-		• ?	· 		1						2	2		
4/ 53				• 1	• 2			1 1					ļ	3	3		
J 51			1		2		•			-		1		3	3		
507 4.		•			• 1	• 2		. !		1 1		1 1		8	5	'	
4.7 47		•1. •:	2 . 3					<u> </u>		ļ				8	8		
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4/ 43		• 3 1 • 4	<u>4</u> • 5			• —		·		++				22	22,	10	
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<u> 66/ 3;</u>	5	1.3.1.	7 3	+		•	+	+					-+	36	36	16,	
71/37		2.J 1.								i	1	4		4.3	43	36	
/ 35		2.0					-	•+					+	44	49.	41.	
34/ 33		3.1 1.						. '		1	i			67		64	7
2/ 31	.3.4.3							 +						85	85,	73,	
1 29		1.7 .												47	47	76	4
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2/ 21	1.5 3.7	•9											1	51	51	52	7
1 17	<u> </u>	• 4		•	·			+		+				46			1
	•1 3•3	• 3												3.2	32		ŧ
1:/ 15.	4.0	• 4				•		+i						41.	41		
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Element (X)	21'		EX		T	7	7	No. Obs	. 1			Mean No.	of Hours wit	n Temperat			
Rel. Hum.							-			1 0 F	1 32 F	± 67 F	≥ 73 F	- 80 F	• 93 F	7-1	orel
Dry Bulb	··						1				1	1	1		+	1	
Wet Bulb				$\neg \vdash$			_		- 1			 	1		+		
Dam Paint				+							+	+	+	+	+		

. 0.26-5 (OLA) HYMDH

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SLIFAL CLIMATOLOGY ERANCH CHEETAC PSYCHROMETRIC SUMMARY ATE MEATHER SERVICE/MAG 7 2850 EIELSON AFB AK 73-8? 0900-1100 Hours (L. s. T.) PAGE TOTAL TOTAL Temp. WET BULB TEMPERATURE DEPRESSION (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 . 31 - /-11 •2 -1 /-13 •2 -! /-15 •3 1-17 7-17 /-21 21-23 1-25 7-29 --/-31 27-33 32/-35 7 7-37 933 STAL 930 2.954.322.4 8.9 3.1 1.1 1.0 THIS PORM ARE DESCRIPE MEVIOUS (ſ ₹ • j 0.26.5 1 2 2 Element (X) 69.413.721 25.512.631 93° 4054523 754679 64545 10F 1 32 F +67 F +73 F +00 F +93 F Rel. Hum. 66.1 75.5 2.8 Dry Bulb 23.011.409 93 21384 930 3.9 612620 Wet Bulb

93

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY 2 USAFETAS AIR WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK
STATION NAME
STATION NAME CCI 1200-1400 Hours (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 = 31 D.B./W.B. Dry Buth Wet Buth Daw Point . / 61 1 59 į · / 57 1 1 5 / 55 4/ 53 10 2/ 51 51/ 47 . 3 19 1 47 41/ 45 .5 2.3 34 34 : 4/_43 .1.1.2.1.3 25 25 .1 1.2 1.8 1.3 3 2/ 41 41 41 21 4 / 39 -2, 1.8, 1.5, 1.0 43 8 3 / 37 .8 2.3 1.6 57 13 / 35 .6, 1.9, 2.6, 1.2 59 59 בג 66 1.6 3.7 1.6 25 82 €4 64 2/ 31. .5, 2.7, 3.7, 1.1 49 79 1 20 .S 1.9 3.U 56 56 65 9.8 3.5 .6 .3 3.9 1.7 .1 24 84 7 25 56 63 56 2.2 1.9. .3 2.7 1.2 21/ 23 39 39 40 2/ 21 39 39 42 67 4.9 1.1 94 103 / 10 56 56 3.0 .6 1 / 17 34 53 64 18 51 38 13 1.4 • i 16 16 18 47 1.5 .2. 1 / 11 16 •1 . 8 10 10 47 8 0-26-5 (OL A) 16 30 14 7 21 20 5 16 11 . 1 -. / -3 • 1 Element (X) ZX I Mean No. of Hours with Temperatu Rel. Hum. =67 F +73 F =80 F +93 F Dry Bulb

Wet Bulb

CLOBAL CLIMATOLOGY BRANCH J' AFETAC **PSYCHROMETRIC SUMMARY** ATR VEATHER SERVICE/MAC 7 2650 EIELSON AFB AK 73-82 OCT STATION NAME PAGE 2 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 - / -7 /-11 -1 /-13 -17/-15 -1 -1:/-17 -1:/-19 /-21 • 1 2/-23 -24/-25 7-29 TOTAL 5.138.830.112.4 8.1 2.5 1.5 1.6 930 930 930 930 Element (X) ZX, No. Obs. Mean No. of Hours with Temperature 4106095 973451 60287 27783 69.814.599 930

0 F | # 32 F | # 67 F | # 73 F | # 80 F | # 93 F

54.3

64.1

1.6

930

930

Terel

93

93

93

Ĩ EDITIONS OF (₹ Ω

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

749462

24492

17439

26.310.604

18.811.315

GLOBAL CLIMATOLOGY BRANCH US AFETAC ATH REATHER SERVICE/MAC 7 7550 EIELSON AFB AK

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TOC

1500-1700 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)
TOTAL
1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. (F) 4/ 63 • 1 21 61 •1 / 59 5// 57 5// 55 4// 53 • 2

73-82

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- 13	30/ 33	1.5 2.6	2.2		i .		1		1	58	58	77	. 25
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	/ 27 .	3 4.2 3.0	.9 .1			1	:			79	79	76	72
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_		2 4.4 1.4								56	56	28	116
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	1./ 15	2.3 .4								25			6.8
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	/ 11.	•6 •5			1					11	11	16	34

12 23 Element (X) Rel. Hum. +67 F = 72 F + 00 F +93 F Dry Bulb Wet Bulb

GLORAL CLIMATOLOGY BRANCH L AFETAC PSYCHROMETRIC SUMMARY ALR MEATHER SERVICE/MAC 7 2550 EIELSON AFB AK OCT 13-82 STATION STATION NAME 1500-1700 HOURS (L. S. T.) PAGE 2 Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Paint --// -5 --/ -7 • 2 2 3 . 1 5 /-11 .2 7 7-13 1//-17 1 /-19 7-21 .1 2/-23 27-27 /-29 TETAL 4-940-830-412-7 5-9 2-9 1-4 930 930. ğ EDITIONS OF 1 (OLA) 0.26-5 Element (X) ZX EX ** No. Obs. Mean No. of Hours with Temperature 61371 27244 930 930 65.714.443 42-14197 - 93 F Rel. Hum. 10F 1 32 F 56 - 6 ± 67 F = 73 F - 80 F 936644 93 Dry Bulb 25.910.524 18.511.316 727100 930 24394 Wet Bulb 67.1 93 438879 17249 93

ELOPAL CLIMATOLOGY BRANCH 2 USAFETAC PSYCHROMETRIC SUMMARY ATP WEATHER SERVICE/MAC 7 2550 EIELSON AFB AK OCI 73-82 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 20 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point / 57 5 / 55 2/ 51 • 1 6 5 / 49 • 2 4 / 47 .2 .1 -1 .1 8 4/ 45 . 2 • 1 •2 •3 1•5 •5 1•0 1•2 •1 21 41 . 19: 19: . (4. / 30 3 5.6 26 8 / 37 .9, 1.9, 1.4. 40 40, ·/ 35 .3 2.3 4.0 1.3 73 6 .3, 2.3, 3.0, 1.1, 62 62 13 .2 4.6 4.9 1.0 .4 3.0 3.0 .1 .4 3.9 2.5 2/ 31 100 120 45 42 1 25 51 : / 27 63 63 77 74 11 25 .6, 6.8, 1.1. 93 79 79 89 24/ 23 .6 2.9 1.5 49 49 89 42 2/ 21 / 17 54 4.3 . 4 44 49 44 115 / 17 .4 3.8 .3 42 42 ſ 14/ 15 36 51 14/ 13 .3, 2.3. .2 1. / 11 .2 1.4 .2 17 17 22 32 •5, 1•3, •1, 37 21 24 .2 .3 .2 1.3 14 14 21 â al, ab. • 3 8 11 - / -3 .3. .6. 9 9 .1 .2 5 5 -6/ -7 _____ -3/ -9 -1 Element (X) 20F 1 32 F +47 F = 73 F = 80 F Dry Bulb

Wet Bulb Dew Paint

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** GSAFETAC A'R WEATHER SERVICE/MAC OCT EIELSON AFB AK 7 2650 73-82 STATION MANE STATION PAGE 2 1800-2000 HOURS (L. S. T.) TOTAL TOTAL

O.S./W.S. Dry Bulb Wet Bulb Dew Paint WET BULB TEMPERATURE DEPRESSION (F) Temp. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 -1 /-13 -14/-15 -1 /-17 3 i /-19 7-21 3 2 2/-23 20/-25 .:/-27 1 7-29 . /-31 77-33 -3 1/-35 1 0313 930 TOTAL 0.852.525.6 8.5 .9 1.4 1.0 930 930 { ; 1 # Manage No. Obs. Mean He. of Hours with Temperature Element (X) 1 77.413.937 25.612.192 USAFETAC +47 F +73 F +80 F +93 F 930 1 0 F 3.6 66.6 4787843 Rel. Hum. 93 23800 930 Dry Bulb 747172 21500 15604 23.111.000 609446 930 3.8 76.4 Wet Bulb 398850 930 90.3 Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2653 STATION	EIELSON AF	B AK STATION	NAME				7 <u>3-</u>	82				YEARS					0!	C T
															PAG	E 1	21111-	-2307
Temp.					TEMPER										TOTAL	L	TOTAL	
(F)	0 1 - 2 3 - 4	5 - 6 7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 -	26 27 - 2	29	- 30 ± 31	0.8./W.B.	Dry Bulb	Wet Bulb	Dow Poi
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For Bulb								[1			
Dew Paint						_ 1 _		[\perp				_[I	

5 (OL A) REVISED MEVIOUS ESHIN

SAFETAC 1000

GLUSAL CLIMATOLOGY BRANCH U' AF ETAC **PSYCHROMETRIC SUMMARY** A. P .EATHER SERVICE/MAC OCT 7 2550 EIELSON AFB AK STATION NAME VEARS STATION 2100-230G PAGE 2 TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point WET BULB TEMPERATURE DEPRESSION (F) Temp. 1.2 3.4 5.6 7.8 9.10 11.12 13.14 15.16 17.18 19.20 21.22 23.24 25.26 27.28 29.30 .31 7-11 -1 /-13 -1-/-15 5 3 -1-/-17 -1-/-19 1 2 1-21 77-23 -24/-25 -31/-27 2-1-29 .2 7-31 - 2/-33 -34/-35 -34/-37 4 TTAL 11.258.222.1 5.1 1.3 1.4 929 929 (OL A) Element (X) zz, **7**1 No. Obs. Mean No. of Hours with Temperature 4911510 662978 71.413.598 929 • 93 F Rel. Hum. 66358 21982 2 0 F s 32 F ≥ 67 F ≥ 73 F Dry Bulb 4.6 71.2 93

929

929

82.6

91.1

93

4.9

19931 14225

548843

369933

21.511.430 15.312.803

Wet Bulb

Dew Paint

ELOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

265C STATION	EIELSO	N AF	B AK	ATION N	AME				7 <u>3-</u>	82			- v	EARS					O	CT MTH
																	PAG	[]	HOURS (L. S. T.I
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Dry Bulb								_						<u> </u>			<u> </u>	1	\dashv	
Wet Bulb															$\neg +$					
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OBM 0.26-5 (OLA) INVISO PRIVIDUS EDITION

SAFETAC ME

GLOBAL CLIMATOLOGY BRANCH L'AFETAC Ale Weather Service/Mac

PSYCHROMETRIC SUMMARY

2650	EIE	LSON	AFB		ATION HAN					73-	82			Y	EARS						C T
3.2				• • •														PAG	E ?		LL
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Temp.										DEPRE					1	1-2		TOTAL		TOTAL	
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- 2/-23	, ñ.							!	:		1	1		ļ	1		į.	3		3	. 1
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7-29	•1													1	 		+	8	8	8	1
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4/-45									-	-					į		ļ <u>.</u>	<u>i </u>			- 87 -
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Dry Bulb Wer Bulb		4787			6854		22.7				33			618.5				 	+	- +	74
Dew Point		3125			2034		16.2				33			720.0		+-		+	+		74

7 2650 STATION

GLOSAL CLIMATOLOGY BRANCH USAFETAC A'B WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-2650 STATION	EIELSON AF	STATION HAM	Æ		73-	84			YEARS				C M	
											PAGE	1	OGGC-	<u>020</u>
Temp.					TURE DEPRE						TOTAL		TOTAL	
(F)	0 1.2 3.4			2 13 - 14 15	16 17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 27 - 28	29 - 30 - 31	D.B./W.B.	Dry Bulb	Wet Bulb C	ew Pe
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44/ 38		• 6								į.	5	5:	4	
/ / 37		- 3		·									<u></u>	
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34/33.									-+				13	
72/ 31	.7 .7 .3	• -						1	1		17	17	11	1
/ 27	1.1 .4								_++		10.	10	9+	
1 25		-						:	,	1	15	15	9	
79/ 23	•1 •9 •6 •1 1•0								-+		10	14	23	1
2/ 21	1.0 1.3 .1							1			. 22	22.	21	
/ 10	1.6 3.1 .6			+					1		47	47	26	2
1 / 17	.4. 3.71			1							. 38	3e.	39.	2
715	1.1 4.2 .1			++					_ +		49	49	45.	1
16/ 13	7. 3.2.	•		. 1							35.	35.	36.	¥.
1 / 11	1.3 3.9	•								+	47	47	45	2
1.7 9	1.0 3.8			,					1		4.3	4 3	44	3
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1 5	.4. 2.7		1	1 1							26	29:	46.	41
4/ 3	1.2 2.8										36	36	29	3
2/_1	.9. 5.7		4					:	1 :		5.9	59	44:	4
/ -1	2.4 1.3			, ,							34	34	51	3
- / -3	1.6 2.1	·									33	33	29:	3
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Element (X)	*x'	Zx	X	**	No. Ob	•				o of Hours wi				
Rel. Hum.							2 0 F	1 32	× 67 1	* 73 F	- 80 F	• 93 F	7.	401
Dry Bulb											 	 		
Wet Bulb				 	 						 			
Dew Point			1	1	_i	1		_1	_1		1	Į.	i	

AFETAC POL

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR REATHER SERVICE/MAC 7 2550 EIELSON AFB AK NOV 73-82 STATION NAME 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

TOTAL

1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 s 31 0.8./W.B. Dry Bulb Wet Bulb Dew Pain /-21 1.8 16 16 16 - 2/-23 1.7 -2-/-25 1.3 12 12 /-27 1.3 12 12 1-29 1.8 16 16 12 7-31 12 12 13 2/-33 8 8 28 34/-35 .3 16 -3-/-37 18 1-39 7-41 2/-43 £ 47-45 -41/-47 T! TAL 899 Na Se 1 1 ₹ Element (X) 4286300 261257 900 Rel. Hum. 40798 3305 67.613.933 s 32 F # 67 F # 73 F # 60 P • 93 F 2 0 F 35.5 87.2 93 Dry Buib 2.815.823 899 231972 2534 38.1 88.0 Wet Bulb 90 899 90.0 308213 -4385 52.0

GLUBAL CLIMATOLOGY BRANCH USAFETAC A:9 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK
STATION STATION NAME Y C M PAGE 1

Temp.			WET BULB	TEMPERA	LTURE	DEPRE	SSION (F)			_		TOTAL		TOTAL	
(F)	0 1-2	3-4 5-6 7-8	9 - 10 11 - 12	13 - 14	15 - 16	17 - 16	19 - 20	21 - 22	23 - 24 25	- 26 27	- 28 29	30 = 31	D.B./W.S.	Dry Bulb	Wet Bulb	Dow Por
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12/ 41		• 4								İ		i	4	` 4 `	1	
4 / 39		3													3	
3 / 37	• 1	• 2					•		•	- 1		·	3	3	5	-
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3 4/ 33	•1	• 9							•	i		:	9	9	9	-
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: / 25	.1 1.1	•2					;				•		13	13	15	1
21/ 23	1. 1.4.	•2.							<u>:</u>			****	16	16.	16	1
2/ 21	.4 .9	• 3					-		_		_	- '	15	15	16	,
3/ 19	1.9 2.4	•2											. 91	41.	32	. 2
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1.7 11	1.4 3.6	•2								!		1	4.7	47.	42	2
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1 7	•3, 3•7												136	36:	95	. 3
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1.7-17	1.6.						L	<u> </u>		<u> </u>			19	1	19	
Element (X)	Z _X '	2 x	X	· **	T.	No. Ob	. T			M	on No.	d Hours wi	d Temperat	ture		
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Dry Bulb									\perp							
Wet Bulb									T				T	T	\top	
Dew Paint													T			

GLIBAL CLIMATOLOGY BRANCH CSAFETAC PSYCHROMETRIC SUMMARY ATE WEATHER SERVICE/MAC 7 2050 EIELSON AFB AK 73-82 STATION NAME 0300-0500 Hours (L. s. f.) PAGE 7 TOTAL TOTAL

O.S./W.S. Dry Suits Wet Suits Dow Point

2 to 26 WET BULB TEMPERATURE DEPRESSION (F) /-19 2.7 /-21 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 24 24 24 26 2/-21 1.5 2/-23 1.6 17 17 17 22 14 14 14 20 /-25 /-27 12 16 /-29 1.5 /-31 1.0 14. 14 18 15 2/-33 1.1 30/-35 - 1.7 10 10 10 15 •7 12 . /-37 23 1-29 10 /-41 8 27-43 4/-45 TTL 47.846.7 3.0 1.7 898 EDITIONS OF 1 1 Avors ₹ • 8 0.26-5 (Element (X) No. Obs. Mean No. of Hours with Temperature 4250054 258981 60550 3087 67.413.657 3.416.640 +67 F +73 F +80 F +93 F Rel. Hum. 898 898 1 32 F 1 0 F 38.4 86.2 Dry Bulls 90 231215 2307 2.615.848 898 39.5 87.6 Wet Bulb 90 311027 -5-217-885 Dow Point -4653 898 54.8 89.9

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY ATE JEATHER SERVICE/HAC 7 2550 EIELSON AFB AK 73-82 NOA 7670-0950 HOURS ((, s. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (**F**) 1 . 2 3 - 4 5 . 6 7 . 8 9 . 10 11 . 12 13 - 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Butb Wer Butb Dew Point 3 / 47 "4/ 43 - 1 2/ 41 41/39 • 2 - 1 3 3°/ 37 3°/ 35 . 1 6 3 1 33 .4. <u>.3</u>. 2/ 31 • 6 .8 17 17 11 301 29 8 . . / 27 10 5 2.0. 11 11 21 5 2/ 21 1 / 19 2.3 3.0 49 33 26 1. / 17 1.0, 1.6, .2 42 1./ 15 .3 2.9 301 30 16 17 1.4 4.0 49 49 26 1 / 11 1.9 3.0 23 43 29 37 •3. 4·9. 97 (4.8 43 43 3 2.6 .9 4.6 49 49 48 25 .9 5.1 5.4 48 T.0 1.3 39 39 43 40 -// -3 2.7 2.8 49 49 53 4.4 -4/ -5; 4.1; .8 44 44 45 39 -61 -7 3a3 a6 34 2.7 --/ -9 30 24 24 -11/-11 2.1 19 19 96 15 15 15 30 -10/-15 -1:/-17 1.6 32 Element (X) Rel. Hum. 20F 1 32 F - 80 F - 93 F

Dry Bulb Wet Bulb

GLOPAL CLIMATOLOGY BRANCH USAFETAC ASR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 265 C EIELSON AFB AK 73-82 NOW
STATION STATION NAME VEARS NOW MONTH

PAGE ? D600-0800
HOURS (L. s. T.)

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL

(F) 0 1-2 3-4 5-6 7-8 9-10 [11-12 [3-14 [15-16 [17-18 [19-20 [21-22 [23-24 [25-26 [27-28 [29-30 [8-31 [0.8-W.8. Dry Bulb [Wet Bulb [Dow Point] 1...]] D.B./W.B. Dry Bulb [Wet Bulb [Dow Point] 1...]

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRI	ESSION ((F)						TOTAL		TOTAL	
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Dow Point			4443		-47		-5.3				00	55		89.7		-			+	-+	95
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TAC 1084 0.26-5 (OLA) 1817

CLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATS -EATHER SERVICE/MAC

7 2653 EIELSON AFB AK
STATION NAME
STATION NAME

PSYCHROMETRIC SUMMARY

Temp.						WET	BULB 1	TEMPER	ATURE	DEPRI	ESSION (F)						TOTAL		TOTAL	
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Dry Bulb											$\neg \neg$						-	\vdash			
Wet Bulb									_		$\neg \neg$								\vdash		
Dew Paint							-		\rightarrow				\dashv			_		 	 	\rightarrow	

OBM 0.26-5 (OL A) BEWIND MENDUS

USAFETAC 1000

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC NOV 7 2650 EIELSON AFB AK 73-82 STATION HAME 0900-1100 PAGE 2 HOURS (L. S. T.) TOTAL
D.B./W.S. Dry Bulb Wet Bulb Dow WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 /-21 1.6 2/-23 2.1 14 14 14 17 19 19 1/-25 12 12 19 1.3 12 -?:**/-27** 11 11 11 21 -2-1-29 1.4 13 13 13 16 . /-31 10 10 10 10 1.1 - 2/-33 15 -34/-35 14 -3:/-37 8 -3//-39 15 /-41 2/-43 - 4/-45 -4:1-49 TOTAL 41.053.6 3.0 1.2 1.2 900 900 900 9 (0.26-5 (OL No. Obs. Element (X) 1 Mean No. of Hours with Tempera 67.412.906 4.616.206 Rel. Hum. 900 205 2 32 F +47 F +73 F +80 F +93 F 35.D 86.2 90 Dry Bulb Wet Bulb 226434 3280 3.615.446 980 36.8 87.2 90 290139 -3665 -4.117.497 53.0 90 Dew Point

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATF WEATHER SERVICE/MAC EIELSON AFB AK MONTH 73-82 PAGE 1 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 - 1 • 7 4./ 45 • 3 4/ 43 • 3 6 6 46/ 39 • 6 32/ 37 10 10 1 36/ 35 •2 • 1 • 1 34/ 33. 9 2/ 31 1.0 • 2 15 7 3.1/ 29 . 8 1.7 1.4 •2 15 15 28 8 18 24/ 23 20 .2 1.6 18 18 13 2.1, 1.4, .2/ 21 / 19 1.6 2.7 •2 40 40 28 43 1/17 -6, 4.4 48 48 31 26 1 1 15 .6 3.6 39 39 51 18 11/ 13 1.0 5.0 55 38 17/11 2.1 5.1 65 65 66 31 59 .9 4.1 15 45 41 7 .4 3.9 39 39 40 54 97 .7 4.7 1.5 6.3 48 48 40 52 6.3 59 66 66 38 -1 2.6 46 2.2 43 43 36 1.7 3.3 15 95 3.6 36 -5 1.6 1.0 -6/ -7 20 36 1.6 16 16 21 -11 -91 35 2.2 20 20 -1:/-11 1.6 -1:/-13 1.6 14 14 14 24 -14/-15 1.6 13 -16/-17 2.4 22 22 22 27 <u>-15/-19</u> 18 Element (X) 1 No. Obs. Mean No. of Hours with Temperatu

1 0 F

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Rel. Hum.

Dry Bulb Wet Bulb Dew Point

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY A P HEATHER SERVICE/MAC 7 2350 EIELSON AFB AK NOV 73-82 PAGE 2 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F)

1 · 2 3 · 4 5 · 6 7 · 8 9 · 10 11 · 12 13 · 14 15 · 16 17 · 18 19 · 20 21 · 22 23 · 24 25 · 26 27 · 28 29 · 30 ≥ 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point Temp. (F) /-21 1.4 13 13 13 22 2/-23 1.9 13 -24/-25 14 -: /-27 .1 12 /-31 9 27-33 -34/-35 8 -30/-37 -3-/-39 1/-41 34.158.2 4.1 1.9 1.6 .1 900 900 900 900 ತ 0.26.5 Element (X) 4333307 61377 Rel. Hum. 68.212.813 900 +67 F +73 F +80 F +93 F 1 35 F 26.3 Dry Bulb 259145 7307 8.114.909 900 85.6 90 28.3 86.7 45.2 89.8 221321 6301 7-014-040 900 Wet Bulb 90 -407 -- 516 -056 231955 900 Dew Paint 90

CLOBAL CLIMATOLOGY BRANCH USAFETAC A:R LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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5-5 (Ol. A) service memous serions of the

NFETAC ROBE

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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												PAGE	?	1500-	
Temp.			W	ET BULB	TEMPERA	TURE DEP	ESSION	(F)				TOTAL		TOTAL	
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Dow Point		6679	-1303	-1.1	16.50	1	900	47.D	90.0			 	†		9(

GLOBAL CLIMATOLOGY BRANCH LS AFETAC A: WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 255D ETELSON AFB AK 73~82 NOY
STATION STATION NAME YEARS MONTH

PAGE 1 1870-2000 HOURS (C. S. T.)

Temp.					WET	BULA	TEMPER	RATURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0 1 - 2	1.4	5.6	7.8	9 . 10	11 . 12	13 . 14	15 . 14	17 . 10	19 . 20	21 . 22	23 . 2	4 25 . 24	27 - 21	29 - 3	0 • 31		Dry Bulb		Dew Pain
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14/-15	1.8	1				1		1					i	1	{	1	16	16		
15/-17	1.6					<u> </u>		<u></u>	<u>ii</u>				ن		<u> </u>		1 19			
Element (X)	z,			ž _R	$-\mathbb{L}$	X	· **		No. Ob	s							A Temperet	ure		
Rol. Hum.					$_{\rm L}$			$\Box \Box$			1 0	7]	1 32 P	. 6	7 F	a 73 F	+ 80 F	• 93		Terel
Dry Buib					T			$\neg \neg$						T						
Wat Bulb														T	$\neg \neg$		T	T -		
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NORM 0-26-5 (OL.A) service retinous fornos

SAFETAC POR

GLOBAL CLIMATOLOGY BRANCH USAFETAC ABR WEATHER SERVICE/MAC 7-2650 EIELSON AFB AK BYATION BYAT

PSYCHROMETRIC SUMMARY

STATION				\$1	TATION N	ME								YI	ARS					MONT	r u
																		PAG	E 2	1800-	
Temp.						WET	BULB .	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0 1	- 2	3 - 4	5.6	7.8							21 - 22	23 - 24	25 - 26	27 . 28	29 - 30	+ 31.		Dry Bulb	Wet Bulb D	lew Pe
1-/-19	2.9				1	, , , , ,		1.0	1.5	1				-			1	26			3
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2/-23	1.3	+			·				 	†				+	 	 	1	12	12	12	2
24/-25	1.2	į			! !		!	}	})			1		}]	11	11	11	2
207-27	2.8	i -			 			 	 	 		 +					 	25	25	25	1
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7-31	•1						7		1	1					1	 	1	1	1	1	1
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347-35								+		†- - -				1		1		1		1	
-3-/-37					: .			1	1	i	}	1		,]	1	}	1	i '		1
7-39					•		-			1				1							1
/-41					1			1	!		ĺ	: 1		!					!		
27-43									T	1				1	1						
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Element (X)	<u></u>	نب			E y	Τ.	1	•	┸┯	No. 01	. 1			<u> </u>	Mean !	to, of H	aura wid	Temperet		<u></u>	
Rel. Hum.			935		615	68	68.4				00	10F	.]	1 32 F	- 67		73 F	- 30 F	• 93 1	P Tr	etel
Dry Bulb			531		48		5.3	16.1	30		00	32		85.4				·	+		9
Wet Bulb			268		39			15.2			00	35		87.1		_			+		9
Dow Point			1466		-27		-3.1				00	49		90.0					+		

AFFTAC POPE

GLEBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC ATR WEATHER SERVICE/MAC 7 255C EIELSON AFB AK
STATION NAME
STATION NAME NOV 2100-2360 HOURS (L. S. T.) PAGE I WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point • 1 4:/ 47 . 3 3 3 4/ 43 -2/ 41 3 / 37 3 / 35 • 1 13:1 34/ 33 •2 • 2 13 1 • 1 2/ 31 101 11./ 29 11 • 4 q .1 1.2 13 24/ 23 21 2 **(** 1.1 2.0 31 28 2/ 21 31 12 9, 3.1 39 39 1.1 3.3 40 40 38 27 41 41: 39 1. 4.3 1.1 2.6 -1 36 35 19 3ª/ 13 36 2.1 5.2 67 51 (.9: 3.9 43 43 63 39 7 2.7 30 30 41 .3 2.2 23 23 34 27 30 43 301 35 21 .9 4.7 50 50 45 1 -1 4.3 1.2 -./ -3 2.6 1.8 42 39 2.9 1.6 40 38 40 34 -(/ -7 3.7 .4 37 37 45 25 2.7 -10/-11 2.0 18 34 -1:/-13 2.0 18 18 23 18 -14/-15 14 14 38 1.6 No. Obs. Mean No. of House with Temperatu # 67 F # 73 F # 80 F Rai. Hum. Dry Bulb

Wet Bulb Dew Paint GLCBAL CLIMATOLOGY BRANCH USAFETAC ALP MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2650	EIELS	ON AF		ATION N	. MF				73	-87				EARS					N MOI	V
			-										·	C AM S			PAG	E 2	2100	-230
Temp.					WET	BULB	TEMPER	ATURE	DEPI	ESSION	(F)						TOTAL		TOTAL	
(F)		3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 1	8 19 - 20	21 - 22	23 . 2	4 25 - 26	27 - 2	8 29	- 30 × 3	1 D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pai
/-19	?•7	1		1			i						-	1	- [ĺ	24			36
2/-21	$\frac{1 \cdot 3}{2 \cdot 2}$	<u> </u>				•	-			↓	 	ļ	+	<u> </u>	 		12			21
24/-25	1.7						1			į	!		:				18		18	2
2 /-27	1.7						┼──	ļ. —		 	+	├	 -	+—	+		15		1	24
2:1-29	1.3								j	:		ĺ				İ	12			13
1/-31	1.5	•					+			+	+		+	+	+	+-	9			- 2
2/-33	•6								1		:		:	į		i	5	I		2
31/-35	• 2	•	·				•		+	+				 -	+		2		2	1
7//-37										i				1	1	1	-			1
/-39					-	•	-							!	+		+			
/-41									:	į			i	[ĺ	i				1
2/-43							! 7		1				T	1						
4/-45	F = 80 / "								! ——		· 		<u> </u>		<u>.</u>					
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lement (X)	2 g*				1		•		No. C	lbs. T			<u> </u>	Maga	No	d Hause -	Ith Tenner	nura .		
	2 g'	6883		x 609	15	X 67.7	13.5	05	No. C		301	· T	1 32 F				rith Tempera			etal
lel. Hum.	428	36883 6142		x 609 39		67.7	13.5 16.6	05 78		9 LD 9 DD	101		1 32 F 86 • 2	2.6	No. 0	Hours w		- 93 F	· •	erel 9 i
Element (X) Rel. Hum. Dry Bulb	428		2	609	34	67.7	13.5	78		900		• B	1 32 F 86 • 2 87 • 1	2.6					T	9 (

NAME OF CO. A) REVISED PRIVIDUS ENTINES

GLOBAL CLIMATOLOGY BRANCH
UI AFETAC
A. P REATHER SERVICE/MAC

7 2650 EIELSON AFB AK
STATION STATION NAME

PSYCHROMETRIC SUMMARY

Temp.					WET	BUL B	TEMPER	TURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0 1 - 2	3 - 4	5 - 6	7 - 8								23 - 24	25 - 26	27 - 20	29 - 30	a 31	D.B./W.B.	Dry Bulb		Dew Pe
. / 45		+		. 3	•3												6	6		·
/ 47	1			. 2	.0			1						<u> </u>			14	. 14		ļ
4 / 45			• 1	. 3		!											29	20		
4/ 43			• 2	- 3	Í		i	i	i_ i				l			1	32	32		<u> </u>
2/ 41	•9	• 0	• 4	• 2			: -										47	47	4	
/_30		_ •1.	• 4	.1		I		L	L					1		<u> </u>	40	40	25	<u> </u>
/ 37	•11	.1	• 3	. 1	-	ĺ		i						1 7			36	36	46	
1 35		2	2	i k—			ــــــــــــــــــــــــــــــــــــــ	· 									48	4.9	62	
/ 33	. 4	. 4	. 1				1	i					1				63	63	90	
2/ 31	4 6	4	. 2		٠		<u>.</u>						<u></u>				117	117	8.8	7
1 7	•2 •6	. 4	• 1			:			:]					1]			94	94	103	7
1 27	1.1.1	. 3	2.										, ,			Ļ	107	107	125	6
/ 25	.1 1.2	• 3			'		[ĺ				i	1 1			122	122	131	13
1 23	1_1_3	2.															<u> </u>	.110	157	
2/ 21	1.2 1.4	• 3					ļ.	ļ	: 1				i			! !	205	205	197	13
1 15	1.6, 2.8	3					·							-			334	334	224	24
/ 17	•9 3•3	• 2					1						1	,		1	286	286	281	20
1.1	. 4. 4.3							ļ					i			· 	351	351	296	
·/ 13	.9 3.8	- 1					ļ	1									346	346	324	20
/ 11	<u>. 1.7.4.1.</u>	1.				· 	+	_						 i			920	420	454	21
/ ~	.9 4.2					'		į					1				354	364	412	
1 1	6. 3.6.							L	 							·	304	304	338	
/ 5	•3 2•7						1	1	i i				į .	i			215	215	343	
_'3 .	<u>. 1.2.3.6</u> .												·	ļ		·	327	327	325	
/ 1	1.1 5.4							!			ľ		į				465	465	377	
7 -1.	. 3.2, 1.5,				·		 		-								341,	341	394	
- / -3	2.2 2.8						j.	i								:	357	357	365	
15	2.5, 1.5,				·	<u> </u>	ļ	ļ									283.	263	339	
-·/ - 7	2.8 .4				i	!	1	1 .	{ i				:			į	227	227		
_/9	. 2.7	·			L		 	 						 		<u> </u>	191,	191	209	
/-11	2.4				:		į	Į į					;				175	175	175	27
1./-13	. 1.5				<u> </u>	ļ		 					-	├		 -	177	197	107	
/-15	1.9]]]								136	1 36	136	
<u> 12-1</u> رن	<u> </u>				<u> </u>		 	ــــــــــــــــــــــــــــــــــــــ	ليبا				نـــــا	إحيا		ــــــــــــــــــــــــــــــــــــــ	124	124	124	_ 21
lement (X)	2 X,			z z		X	· **		No. Ob	8.							h Temperen			
let. Hum.	.						<u> </u>				501	<u> </u>	32 F	= 67	<u> </u>	73 F	- 00 P	- 93 1	<u> </u>	Tetal
bry Bulb		↓					 	$-\!\!\!\!\!-$						 _				┿		
let Bulb	L						L	-						L	\perp		 	↓		
lew Paint	<u> </u>	!					<u> </u>													

-5 (OL.A) BEVISE REVIOUS EDITIONS OF THE

AFETAC 100m

GL'BAL CLIMATOLOGY BRANCH USAFETAC AIR KEATHER SERVICE/MAC EIELSON AFB AK 7 2650 57ATION

PSYCHROMETRIC SUMMARY

NOV

																		PAG	2	HOURS (. 8. T.)
Temp.						WET	BULB '	TEMPER	ATURI	DEPP	ESSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3.4	5 - 6	7 - 8			13 - 14					23 - 24	25 - 26	27 - 28	29 - 30	+ 31	0.8./W.S.	Dry Bulb		Dew Pe
/-19	2.3		† 		+	1	 	1=		1	1	-		1			1	155	165	165	26
/-21			ļ		İ	}	1					{	Ì	ì	ļ		1	125	120	120	17
2/-23	1.7		+			†	:			1				1	 		1	122	122	122	16
2 1/-25	1.2	1			!	1		i			ĺ			į.	1	ì	1	89	89	89	17
1-27			•			1		+		 	1			 			1	84	84	84	13
1-29	1.1					1				1	ĺ	1	i	1	ļ	1	{	76	76	76	10
7/-31	-8						1			+							1	5€	5.8	58	10
2/-33	• 5						1				Ì	ì		1	i		į.	33	33	33	11
3"/-35	• 3				+		+		·	+	 				+	 	 	25	26	25	10
7-/-37	•0							1		}	į.	t		}	1	1	İ	2	2		10
7-39		··		•	+	*				 				 -	+	 -	 	<u> </u>		├	<u> </u>
/-41								٠ .				i	:	1	į		l	;			5
77-43					+		, 	 		┼	 			 	 	 	 	 		 	3
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lement (X)		Σχ'		 	Zx		<u> </u>	-	<u> </u>	No. O	. T				Mean	No. of H	ours wit	A Temperat	wr0		
el. Hum.		3439	4561	 	4881	49		13.3			97	5 0		s 32 F	. 67		73 F	- 80 F	• 93	, ,	retel
ry Bulb			8702		35		5.0	16.2	54		98			88.5		$\neg \vdash$		1	1		72
er Bulb			8 3 3 7		289			25.4			97			98.1				1	+		72
Dow Point			2567		-258			27.4			97			19.				 	+	+	72

7

GICBAL CLIMATOLOGY BRANCH UMAFETAC AIN WEATHER SERVICE/MAC

EIELSON AFB AK

PSYCHROMETRIC SUMMARY

23G

0000-0200 HOURS (C. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 O.S.W.S. Dry Bulb Wet Bulb Dow Point 4 / 45 2/ 41 39 . 6 % / 35 34/ 33 2/ 31 •2 . 1 3 2 3 -4: 24/ 27 3 • 2 8 8 J. 25 .6 24/ 23 5 5 2/ 21 1.1/ 19 .6 14 14 9 11 1 / 17 .5. 1.3 .7 1.5 19 23 14 1-/ 15 19 14/ 13 .4, 1.9 19 19 12 17 11 .8 1.2 17 17 23 10 9, 1.1 21 .2. 3.4 31 31 39 15 1.2 2.2 29 30 29 18 1.3 4.6 3.6 39 39 47 25 -2/ -3 1.9 2.4 36 36 -+/ -5 2.9 1.9 41 46 21 41 -1/ -7 39 39 34 -6/ -9 6.2 53 53 23 ŽE. 11/-11 4.6 39 39 39 -1 /-13 2.7 23 23 23 22 -11/-15 35 5.2 44 99 44 15/-17 3.2 27 27 27 38 1 /-19 2.9 44 1./-21 3.4 29 29 31 21-23 95 Element (X) Mean No. of Hours with Temperature +67 F +73 F +80 F Rel. Hum. 100 2 32 F - 93 F Dry Bulb Wet Bulb Dow Point

7<u>3-82</u>

\$ (OL. A) REVISE MEVIOUS EBRIGHS OF THIS FORM AS

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ETAC 10811 0.26-5 (0) 4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

7 265C EIELSON AFB AK

PSYCHROMETRIC SUMMARY

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er Bulb			9759	1	-626		-7.4				50	63		91.9	 			 	+		9
ew Point			7236		-1386						50	73		93.0		-+-			+		
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BLUBAL CLIMATOLOGY BRANCH 2 PSYCHROMETRIC SUMMARY USAFETAC AIP WEATHER SERVICE/MAC 7 2550 EIELSON AFB AK
STATION NAME
STATION NAME 73-82 PAGE 1 0300-0500 HOURS (L. S. T.) TOTAL D.B./W.B. Dry TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 Bulb Wet Bulb Dew Pai .4/ 43 . 1 . 2/ 41 4 1/ 39 3 / 37 39/ 35 • 1 1 ı . 7 3 / 29 3 / 27 1 4 .1 3 3 3 2/ 21 : 19 .9 16 19 17 19 / 17 -8 9 16 16 1:/ 15 .7: 1.2: .2 18 18 14 14 19/ 13 .1, 1.8 16 1.9 1.6 7 11 30 30 32 12/ ş 23 1.1 1.8 24 24 25 27 9, 2.5. 29 19 (.4: 2.0 20 3.9 9.0 40 36 21 1/ -1 25 2.2 1.5 32 32 29 2.2 1.8 3.5 1.6 44 44 46 16 4.3 41 41 42 26 29 -9 5.6 48 48 52 5.6 5 B 48 31 31 31 15 3.6 35 35 35 32 4.1 35 3.4 29 -1//-17 29 29 38 4.6 39 39 39 ./-21 2.5 21 38 2/-23 Element (X) 10F ± 67 F = 73 F s 32 F Rei. Hum. Dry Bulb

GLOSAL CLIMATOLOGY BRANCH BUAFETAC **PSYCHROMETRIC SUMMARY** AIR WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK DEC STATION NAME 0300-0500 HOURS (C. s. T.) PAGE 2 TOTAL TOTAL

D.B./W.B. Dry Bulb Wet Bulb Dew Point Temp. WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 31 0 -2-/-25 2.6 22 22 45 -2:/-27 15 37 15 7-29 20 20 20 37 7-31 1.3 11 11 11 15 2/-33 2.8 24 25 34/-35 18 26 16 26 317-37 1//-39 •1 10 1 22 77-41 16 20 2/-43 47-45 -8 4:/-47 2 ٩ 4 7-49 .6 5 6 5 11 /-51 12 12 8 27-53 4/-55 5 -5/7-57 12 -5 /-59 (71.125.7 2.2 .8 TOTAL 852 852 852 1 ğ 3601036 436610 63.713.131 -9.919.286 -7.717.357 Ret. Hum. 54250 -9230 852 928 - 80 F - 93 F 10F ± 32 F ■ 67 F ■ 73 F 65.2 92.1 Dry Bulb 93 Wer Bulb 307500 -6600 852 63.9 92.2 544350 -14114 -16.619.163 Dew Paint

PSYCHROMETRIC SUMMARY

7 2650 EIELSON AFB AK PAGE 1 1600-1800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.S. Dry Bulb Wet Bulb Dew Point 4/ 43 . 1 4 / 39 - 4 3

3:/ 37 3:7 35 2/ 31 4 U/ 2) 21/ 27 • 1 1 24/ 23 4 2/ 21 / 19 •9 2.1 27 27 22 15, 18 29 14 17 12 1:/ 15 17 17 14/ 13 16 16 1:/ 11 1.2 24 24 27 12 .6 1.5 18 18 18 18 .2. 2.7. 26 39 36 39 23 8 3.1 33 33 32 25 25 32 19 97 22 47 36 3.3 51 36 36 21 3.9 1.4 39 39 44 25 53 53 -1./-13 3.8 32 32 32 13 47 97 47 36 4.5 38 38 28 -1:/-19 52 :/-21 3.7 48 1 32 F + 93 F 2 0 F Dry Bulb Wet Buib

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** U! AFETAC ATR WEATHER SERVICE/MAC EIELSON AFB AK 7 2650 73-82 STATION STATION NAME TOTAL D.B./W.B. Dry WET BULB TEMPERATURE DEPRESSION (F) Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 Bulb Wet Bulb Dew Pain 20 -24/-25 2.4 50 -2:/-27 . 9 12 25 1-29 1.4 12 25 7/-31 3.0 2/-33 16 1.9 17 1.9 34/-35 16 27 -367-37 17 3-7-39 1 7-41 11 72/-43 • 6 47-45 10 • 5 4-1-47 . 7 6 11 -4 7-49 .9 8 8 1/-51 27-53 4/-55 -5//-57 -50/-59 TOTAL 70.826.7 1.5 930 847 ð 3 ĝ 0.26-5 No. Obs. Element (X) Meen No. of Hours with Temperature SAFETAC ±67 F = 73 F = 80 F = 93 F

847 930

847

-7.917.191 -16.818.952

-6657

10F

65.7

64.5 73.9

1 32 F

92.1

92.5

DEC

3600-0800 HOURS (L. s. T.)

43

23

19

21

34

8

26

23

11

5

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9

93

93

TOTAL

20

12

25

16

16

8

847

Rel. Hum.

Dry Bulb

Wer Bulb

Dew Point

302325

541944

GLOBAL CLINATOLOGY BRANCH PSYCHROMETRIC SUMMARY ATR WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point 2/ 41 5 / 39 ? // 37 3 1 •1 • 2 34/ 33 - 1 • l • 6 2 / 25 • 5 8 6 6 2 1/ 23 12 11 .51 51 12 23 1. / 17 12 19 מנ 18 1:/ 15 16 14/ 13 1.0 1.1 18 18 10 27 23 23 12 .5 1.8 ',/ 1.0 2.9 32 32 32 17 28 23 1.3 5.8 60 60 51 26 3.3 1.2 47 3.7 2.1 18 40 36 23 36 39 -7 3.3 32 32 34 9.4 19/-11 55 55 55 30 6.6 -1./-13 35 35 35 29 4.2 34 34 34 27 -14/-15 3.2 4.3 36 28 0/-21 24 28 19 26 3.1 26 2/-23 26 99 May: No. of Hours with Tomperets 1 32 F Total Dry Bulb

Wer Bulb Dew Paint GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK 73-82 DEC STATION NAME 1930-1160 HOURS (L. S. T.) PAGE ? TOTAL
D.B./W.B. Dry Bulb Wet Bulb Dow Point WET BULB TEMPERATURE DEPRESSION (F) Tems. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 15 15 -2-/-27 15 15 28 1.8 1-29 1.8 15 23 7-31 2.0 17 17 17 14 2/-33 1.7 14 14 3-1-37 29 -7-39 20 8 /-41 17 27-43 4/-45 11 8 417-47 1.1 11 6 -4 **/-4**9 77-51 1.3 22 • - 2/-53 9 .6 47-55 4 -5 **/ -57** 11 -5.7-59 TOTAL 71.225.1 2.0 1.0 .7 930 839 Element (X) Zx' No. Obs. Mean No. of Hours with Temperature 3462543 432266 52789 -9188 62.912.977 Rel. Hum. 10F ≤ 32 F ≥ 73 F + 80 F + 93 F 91.7 64.6 Dry Bulb -6064 -7.216.901 -13682 -16.318.506 63.0 92.3 283198 839 93 93 Wet Bulb 510110 839 Dew Paint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY SSAFETAC A34 WEATHER SERVICE/MAC EIELSON AFB AK <u>D E C</u> 1200-1400 HOURS (C. S. T.) PAGE 1 TOTAL Temp. (F) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B. W.B. Dry Bulb Wet Bulb Dow Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 52/ 41 1 37 3 / 37 5 5 Z./ 35 3 1/ 33 • 2 1 • £ 3 •1, 4 2:1.27 21 25 . 2 24/ 23 11 11 9 5 2/ 21: - 1 1/10 1.1 .1 1.5 1 / 17 16 16 24 14/ 13 1.2 .2 12 12 21 19 12/ 11 21 27, .5 2.5 28 28 14 28 24 9. 2.3 28 21 21 30 5 .7 1.8 10 9 2.7 27 11 1.1 5.2 53 53 41 29 4.1 41 11 58 24 49 3.4 2.3 49 42 -3 25 32 32 39 19 -7 4.1 1.4 47 47 48 35 6.3 54 54 59 23 -1 /-11 34 34 34 37 4 . D -1 /-13 4.0 34 39: 34 23 -14/-15 3.0 26 26 26 •1 2.8 -10/-17 -1:/-19 3.2 27 27 27 39 1/-21 32 35 20 21-23 2.3 20 20 36 Element (X) ZX I No. Obe. Mean No. of Hours with Temperat Rel. Hum. Dry Bulb

Wet Bulb Dew Paint

61 33AL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 7 7650 EIELSON AFB AK DEC 73-82 PAGE 2 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.S./W.S. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 1-27 1.6 14 14 14 38 7-31 7-31 11 13 11 20 33 2/-33 2.0 17 19 17 347-35 .8 14 1-37 • 2 20 7-39 . 4 24 16 11 13 .6 11 12 11-53 7 47-55 11 5 1-57 THE 6 - . 427 - 3 7 - 5 1 - 4 - 5 854 854 854 0.26.5 Element (X) No. Obs. 3585557 403083 63.512.834 859 929 Rel. Hum. s 32 F Dry Bulb 62.8 91.1

62.6 92.1 72.6 93.0

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Wer Buib

Dew Peint

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR LEATHER SERVICE/HAC 7 2650 EIELSON AFB AK
STATION STATION NAME 73-82 DEC 1500-1760 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.8./W.B. Dry Sulb Wet Sulb Dew Poin 2/ 41 •1, •1 50/ 39 3 . / 37 • 1 • 5 .2, .4 10 10 1 35_ 35 34/ 33 2/ 31 . 4 3 3 . 4 . 4 3 2 ·/ 29 7 1 27 . _____ .4 .4 6 29/ 23 13 10 15 2/ 21 • ຮ - 4 6 1/ 19 •7. .Z. 1 / 17 .5 1.6 . 4 21 21 12 9 _.2 15 15/ 15 -8 16 16 13 13 13 16 14/ 13 .6. .8 2.1, 1.3 29 29 24 11 .5. 1.8 19 19 20 16 23 5, 2,1 22 19: .6 1.5 18 18 28 29 1.5 1.9 1.3 5.4 57 57 40 31 59 77. / -1 0.3 . 6 2.2 1.3 30 30 9 9 23 - 3 3.7 1.6 45 46 19 -- / -7 3.5 1.3 41 41 93 43 ./ -9 48 5.6 . /-11 3 . 7 32 32 28 -1./-13 3.5 301 301 30. 22 -1'/-15 4.0 34 34 34 38 1:/-17 3.2 -1:/-19 30 30 30 35 3.5 10/-21 4 . 3 41 41 39 41 21-23 18 18 18 35 2.1 24/-25 No. Obs. Mean No. of Hours with Temperature Rel. Hum. ≥ 67 F × 73 F * 80 F - 93 F Dry Bulb Wet Bulb Dow Point

GLOBAL CLIMATOLOGY PRANCH USASETAC **PSYCHROMETRIC SUMMARY** A'R WEATHER SERVICE/MAC 7_2650 EIELSON AFB AK DEC 73-82 STATION NAME 1500-1700 HOURS (L. S. T.) PAGE 2 TOTAL TOTAL WET BULB TEMPERATURE DEPRESSION (F) 1 . 2 3 . 4 5 . 6 7 . 8 9 . 10 .11 . 12 13 . 14 15 . 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30 = 31 D.B./W.B. Dry Buib Wet Buib Dew Point ∠5 29 1-27 1.5 14 /-29 /-31 1-29 3.2 27 1.1 10 2/-33 40 19 19 15 29 3-/-25 10 10 3.7-37 21 19 /-41 20 27-43 12 10 4/-45 4./-47 3 .6 14 4 /-49 13 13 77-51 2/-53 47-55 -5//-57 71.424.6 2.5 .7 .7 .1 227 R54 FORM ARE TITL 854 1 ₹ • ₫ 0.26.5 No. Obs. Meen No. of Hours with Temperature Element (X) T 3619694 412422 63.813.151 -8.819.200 254 927 ≥ 67 F = 73 F = 80 F = 93 F ± 32 F Rel. Hum. 10F 64.0 90.9 68 Dry Bulb -8116 -5660 -6.617.1169 -13206 -15.518.750 286038 854 64.0 91.9 Wet Bulb

504C96

Dew Point

PSYCHROMETRIC SUMMARY

7 2650 ETELSON AFB AK STATION NAME

73-82

1600-2000 HOURS (L. S. T.) PAGE 1

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Dew Point							<u> </u>													
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GLOBAL CLIMATOLOGY BRANCH UT 4FETAC ATS REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2650	ΕÍ	ELSO	N AF	B AK						73-	82									DE	
STATION				ST	ATION NA	ME			_					YE	ARS			PAGE	2	1800-	
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Element (X) Rel. Hum.			7899		E x 5424	-		12.6			». 54	3 0 1		1 32 F	Meun I		ours wife	h Tempereh	ore		otal
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Rel. Hum.		358 42			5424	71 .	3.5 -9.4	12.8	94 91	8	59		• 0		2 67			,			otal 9

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GLEBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 7 2650 EIELSON AFB AK STATION NAME DEC 2100-2360 Hours (L. s. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 4 / 39 •2 •5 3 / 37 5./ 35 • 2 3 2 3:/ 33 •1 • 2 27 31 4 2 3 1 29 1 27 • 5 • 1 • 2 6 2 1/ 25 2 / 23 10: . 8 19: 19 17 11 111 1./ 15 .6 1.2 15 15 10 9 .5, 2.6 29 29 18 14 .4 .8 1.5 1.4 1 / 11 10 23 10 10; 20 •5 1.5 17 17 18 21 16 1.1 3.2 36 37 14 17 36 1-1 4-5 47 47 40 3.3 1.3 39 39 43 28 29 3.9 1.9 24 3.2 35 42 26 46 50 46 21 40 29 -1?/-13 3.9 33 33 33 33 14/-15 3.8 32 32 32 38 28 1 3/-17 3.3 28 28 33 -11/-19 3.9 46 ·/-21 3 - 4 29 29 27 21-23 12 2.5 41 21 2./-27 He. Obs. Mean He. of Hours with Temperatu Element (X)

10F

s 32 F

● 73 F

2 47 F

2 20 F

+ 93 F

Total

AFETAC TOWN

Rel. Hum.

Dry Bulb Wet Bulb

 \mathcal{A}_{i}^{\star}

PSYCHROMETRIC SUMMARY

7 255C	EIE	LSON	AFB						73-	82									08	
STATION				STA	TION NAME								YE	ARS			PAGE	2	2100- Hours (L	-230
Temp.					1	FET BULB	TEMPERA	TURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(f)	0	1 - 2	3 - 4	5 - 6	7 - 8 9 -	10 11 - 12	13 - 14 1	15 - 16	17 - 19	19 - 20	21 - 22 2	3 - 24	25 - 26	27 - 28	29 - 30	= 31	D.B./W.B.	Dry Bulb	Wet Buib	Dew Pe
1-29	2.7																23	23	23	5
- //-31	1.7	ļ		i	1	•	1 1		1 1		ĺ		1				14	14	14	3
- 27-33	1.9				,		1									1	16	17	16	1
-3"/-35	1 • 4	:		1					1 1		1			. i		Ì	12	22	12	2
-36/-37	•1								1								1	32	1	3
- 1-39	• 5 !				- 1		1 j		i i							1	4	9	4	2
-/-/-41					-		1		1							·	1	10		1
- 2/-43	•6					i	. !				!			1		l	5	17	5	1
- 47-45	•1					-			,								1	7		
-4:/-47	• 9;								. !		 .			ĺ		! :	8	8	8	
-4 /-45	1.1																9	10	9	1
- /-51	1.1			1	:	'			. :		:	. 1		ļ			9	12	9	-
- 2/-53	. 4			-			++		 							 	3	3	3	
- 4/-55				- 1			1		١.,		! !			į		1	1			
-5 7-57							• • •		 		-						,			
-5-/-59		:					1 1							i		1	1		1	
TOTAL	68.22	7.6	2.6	1.4	• 2		+		 				· ·				1	927		847
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	+-		-+	-+			 		 		 -						 		+	
<u> </u>																				
Element (X)	2	ι'		Z	x _	X	•	I	No. Ob					Moon N	o. of H	we wid	Temperate	***		
Rel. Hum.		3524			53602	63.2	12.70	11		48	10F		32 F	+ 67	P .	73 F	- 80 F	- 93 /	7	ere!
Dry Bulb		431			-8901		19.33		9		65.	0	91.6		\top			1		9
Wet Bulb		297	466		-6242	-7.4	17.23	2	8	48	64.	ol	92.2		\top			T		9
Dew Point		521			13817					98	75.		93.0				1	+-		9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY EIELSON AFB AK
STATION HAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 .1 40/ 39 37/ 37 • 0 -1 • 1 34/ 33 . 1 •1 • 1 • 0 2/ 31 • 0 26/ 25 .0 24/ 23 2/ 21 • 2 •1 1 / 17 .5 1.0 / 15 1.3 .0 .7 1.4 .6 1.9 .5 2.4 1.0 2.5 1.1 4.8 2.6 2.1 1.6 3.7 1.1 5.4 4.9 1:/-15 4.3 1-/-19 3.6

10F

s 32 P

#67 F # 73 F - 80 F

Element (X)

Rel. Hum. Dry Bulb

GLASETAC ATR MEATHER SERVICE/MAC 7 2550 EIELSON AFB AK (F) 2/-23 2.4 24/-25 2.2 20/-27 1.7 1-29 2.5 1/-31 1.6 2/-33 36/-37 1-39 17/-41 27-43 4/-45 • 5, -8 . 9 ₹**77-51** 2/-53

GLUBAL CLIMATOLOGY BRANCH

STATION NAME

PSYCHROMETRIC SUMMARY

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 · 2 | 3 · 4 | 5 · 6 | 7 · 8 | 9 · 10 | 11 · 12 | 13 · 14 | 15 · 16 | 17 · 18 | 19 · 20 | 21 · 22 | 23 · 24 | 25 · 26 | 27 · 28 | 29 · 30 | × 31 | D.B./W.B. Dry Bulb Wet Bulb Dow Point 164 164 164 317 150 306 150 150 118 118 118 280 169 171 210 110 113 110 168 212 147 164 147 250 102 102 170 9 215 9 185 14 105 14 132 130 141 119 73 35 35 118 34 72 34 -4.7-47 52 5 Z 63 22 -4:/-49 62 74 62 89 42 52 23 23 62 -5 /-57 73 -587-59 23 69-726-6 2-3 1-1 7425 6798 6798 6798 Element (X) Mean No. of Hours with Temperature 63.412.938 28458048 430956 6798 Rel. Hum. 1 0 F | 1 32 F +67 F = 73 F 515.6 732.4 509.0 737.4 3410411 -70455 7425 Dry Bulb 744 -7.217.129 Wet Bulb 2350845 -49237 6798 799

73-82

0-26-5 (OL A)

7 2550 EIELSON AFB AK STATION HAME

PSYCHROMETRIC SUMMARY

Temp.	_			_		WET	BULB 1	TEMPER	ATURE	DEPRI	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
/ 89										-				.0			3	3		
8/ 87										Ĺ		0	0	1 -			11	- 11		L
6/ 85										. 0		.0	.0	.0			21	21		
4/ 23	_								0			-0					55	55		
27 81					•0	•0		•0	•0	.0	.0	• 0	•0				96	96		1
				ناء		۵۰		0	مما	_ D	1	-1	0				229	229		<u> </u>
7'/ 77					• 0		.0	.0	-1	- 1	.1	•0	.0		1	1	316	316		
6/ 75					L	0	<u> </u>	-1	1	-2	_ 1	.0	-0				510	510	2	ļ
14/ 73				• 0	• 0	• 0	. 1	•2	- 3	. 1	.1	• 0	• 0				665	665	1	
72/ 71 .		<u> </u>		. 3			. 2	3	3	-1	-1	. D		L			865	865	5	
1. / 69		'		• 0	• 1	•2	• 2	• 3	• 2	- 1	•1	. D		1	1	1	1047	1047	6	
62/ 61		·	ı.	_0		-2	. 4	3	- 2	.2	.0	.0					1238	1238	17	<u> </u>
6/ 65		• 0	-8	• 1	• 3	. 3	• 3	• 3	• 2	. 1	• 0					ĺ	1538	1538	62	
4/ 63		0	1	. 2	. 3	. 5	3	_ 3	2	.1							1750	1750	238	
12/ 61	•0	.0	-1	. 4	• 5	- 5	• 3	. 4	- 2	. 1						1	2129	2129	547	
./ 59	.0	1	.4.	. 6	. 5	. 5	. 4	. 3	1	0							2519	2519	1193	L
/ 57	• 9	.2	•5	.7	• 5	. 4	. 4	•2	. 1	•0						1	2654	2654	1978	2
55/ 55	. 9	3	7.	7	6		3	-2	0								2886	2386	2573	5
4/ 53	• 17	.4	- 8	. 8	• 5	. 4	• 3	-1	• 0	ļ				i 1			2754	2754	3267	9
2/ 51		. 6	1.0	. 5	. 5	. 4	. 2	.1									2823	2823	3268	17
50/ 49	-0	. 6	1.0	.6	. 4	- 3	- 2	•0		1							2777	2777	3700	23
4./ 47		.7	6	6	4	3	1	_D									2935	2435	3827	28
46/ 45	-0	.6	. 7	• 5	. 4	• 3	- 1	• G	ļ	1	ļ					- {	2249	2249	3489	33
4/ 43		- 4	-6	5		_ 3	1										1996	1996	3039	29
42/ 41	.0	. 4	-6	. 6	. 4	• 2	• 0			1				1 1			1960	1960	2517	30
4C/ 371	1	_ 4	. 7	5	5	2	- 0		L								1958	1958	2265	25
31/ 37	- 1	.5	.7	- 6	. 3	. 1					Į į				, ,		1864	1865	2367	25
36/ 35	1	. 6	. 8	_ 6	3	0											2009	2009	2142	26
34/ 33	. 1	.7	. 8	• 5	• 2	• D					į l					1	1974	1975	2491	24
2/ 31	-1	. 9	• 9	7	. 2	.0											2369	2372	2375	30
30/ 29	.1	. 6	.8	. 3	• 1											-	1635	1638	2531	22
28/ 27	1	.8	7	3						L	L			igspace			LAAL	1562	2033	24
26/ 25	• 1	1.0	.7	• 2	•0					!							1699	1700	2206	26
24/ 23	1	. 7		1															2025	15
Element (X)		ZX'			ZX		X	* A		No. Ol	18.				Meen No. e	Hours wi	th Tempere	hare .		
Ral. Hum.												5 0	,	s 32 F	≈ 67 F	• 73 F	+ 80 F	• 93		Total
Dry Bulb						$oldsymbol{\perp}$							\Box							
Wet Bulb]								I		\perp							
Dew Point											-T						1	1	T	

L.A.) REVISED PREVIOUS EQITIONS OF THIS FORM AL

0.26-5 (OLA)

USAFETAC

EIELSON AFB AK

GLOBAL CLIMATOLOGY BRANCH USAFETAC Als reather service/hac

PSYCHROMETRIC SUMMARY

STATION				\$1	ATION N	AME								YE	EARS					MOI	NTH
																		PAGI	2	HOURS (L L L. S. T.
Temp.					_	WET	BULS 1	TEMPER.	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8		$\overline{}$	13 - 14					23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew P
2/ 21	• 3	. 8	.6	. 1			-					-					1		1593		
2./ 19	. 4	1.3	.6	. 1		!								(1			2081	2082	1639	309
13/ 17		1.0	. 4	• 0											†			1396	1397	1808	226
1:/ 15	- 1	1.2	. 4	• 3				1		l			ı	i	ł		1	1491	1491	1600	216
14/ 13	• 2	1.1	• 3							 	_	-					 	1411	1411	1498	190
1 / 11	- 4.	1.2	. 3							ļ				ļ		ļ	,	1573	1575	1593	167
107 9		1.3	•2												 		 	1486	1487	1614	164
1 7		1.3	.1													ĺ			1368		
7 5		1.2	• 0				<u> </u>			-					 	-	 		1179		
n/ 3		1.5										i		ļ		1	[1528		
7 1		2.0						 		 				 -	 - -		 		2034		
/ -1	1.2	.5					1	, ;						Ì		i	į	1492			1
- 7 -3	• 7	1.0				 -		├		 -		<u> </u>		 					1521		
-4/ -5	9!	.7										(1		1	1420	- 1		
- 1 -1	1.1	• 3	<u> </u>															1275	1275		
- / -9	1.4	• -					1		•	İ							i	1244	1295		
7-11	1.3									<u> </u>				 			 	1142		1142	
12/-13	3									Į.				1			1	811	811	811	
12/-13	1.1							-		ļ					.		├ ──	953	954	953	
1:/-13	9:		i			J	ļ į	l j]								787	788		12
7-17	1.1		- i					-		ļ		<u> </u>					↓	918	921		15
		l	i			!					į							775	776	- 1	
/-21	• 9i							ii		<u> </u>				i				1 1		775	
27-23	.7	i				,				i	i				İ			634	635	634	
24/-25	. 7							ļļ		L							<u> </u>	608	610		10
267-27	•7		į			į	į							ŀ	1			564	564	564	1
2-1-29	.7													L	<u> </u>		ļ	598	602	598	8
7-31	• 5		!		Ì	ĺ								1	1		ĺ	472	475	471	6
2/-33	• 5																	445	47	445	7
34/-35	. 4								_								1	314	461	314	8:
31/-37	• 2							لــــــــا										178	552	178	7
3-7-39	• 2																	164	397	164	5
/-41	•2																<u> </u>	144	389	144	5
12/-43	• 2																	160	337	160	
4/-45	_ •Z		i									í		ĹI	L1			160	230	160	3
lement (X)		Х,			Σχ		X_	7 2		No. Ol	•T				Mean	to. of H	lours wit	h Temperet	UTO .		
el. Hum.									$\perp \Gamma$			10	, ,	32 F	= 67	P .	73 F	- 90 F	» 93 P		Tetal
bry Bulb											T		$\Box \Box$								
let Bulb						\perp										\Box				\bot	
Dew Point															T T				1		

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY ATD WEATHER SERVICE/MAC EIELSON AFB AK TOTAL D.S./W.B. Dry Bulb WET BULB TEMPERATURE DEPRESSION (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 Wet Bulb Dew Pair .212 162 45/-47 4/-49 105 105 0/-51 99 2/-53 30 47 162 12 14 12 4/-55 •0 105 5*∍/-*57 38 5//-59 47 30 12 7-61 2/-63 38 4/-65 46 6/-67 STAL 21-327-186-310-9 7-4 5-6 4-6 3-2 2-2 1-2 B6206 86296 THIS FORM ZX Elemint (X) 2 g No. Obs. Rel. Hum. 345502993 5251517 60-917-229 86206 Dry Bulb 1861.58426.4 505.6 190.6 143300603 2385219 27.229.907 87619 8760 1899.34858.0 2598.65928.8 24.025.608 86206 86206 8760 106216493 2069561 8760

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702650 EIELSON AFB AK

73-82

HRS ILST FEB MAR JUN. JUL AUG SEP OCT NOV DEC ANNUAL 50.1 -8.8 7.5 25.2 41.5 54.1 50.5 40.8 23.2 3.7 22.7 00-02 so 24.69923.0581 .9981D.486 6.370 5.359: 4.995 6-334.6-9392 64721-614 27-428 TOTAL OBS 930 846 930 900 930 900 900 10953 -9.2 -8.2 5.0 22.5 49.3 48.2 38.6 22.3 21.3 52.5 .64021.702 H3-05 5 D 24.83823.57615.34411.447 6.254 4.940 4.529 6.520 6.77512.33016 27.105 TOTAL OBS 930 846 930 90D 929 900 930 929 900 930 878 928 10950 -9.5 -8.8 4.9 25.6 54.8 57.9 52.0 39.9 3.3 -10.3 46.4 21.9 23.3 24.60524.11115 06-08 .38511.876 6.800 5.755 5.164 6.932 6.95612.4301 S D .71021.751 29-117 TOTAL OBS 930 845 930 900 928 900 930 930 900 930 900 10953 12.7 34.0 53.6 -9.9 -9.0 -5.2 60.4 09-11 5 D 24.07222.39713.98511.155 7.217 30.905 6.690 7.868 8.32312.6311 .20621.571 7-110 TOTAL OBS 929 846 930 900 930 900 938 930 900 930 900 930 10955 53.3 2.3 20.5 39.0 57.1 63.7 67.9 64.2 32.8 3.13010.648 7.661 7.550 8.423 9.01012.427 12-14 7.306 30.730 S D 900 TOTAL OBS 930 930 845 930 900 930 900 900 929 1095 929 22.2 40.4 57.9 -8.8 33.3 64.5 68.5 22.68719.57612.85810.245 7.582 7.496 7.868 8.657 15-17 .41021.104 31.097 TOTAL OSS 930 846 930 900 930 900 930 930 900 930 900 927 10953 16.4 37.0 55.4 25.6 5.3 30.1 62.7 66.3 61.7 48.4 23.71620.68813.52510.196 18-20 S D. 7.373 7.235 7.569 8.255 8.37312.19216 .13021.351 31.015 TOTAL OBS 929 396 200 900 930 900 928 930 939 900 930 927 10950 30.4 MEAN 11.3 48.2 43.3 23.6 4.2 -9.6 25.9 21-23 24.17922.02314.256 7.838 6.714 6.031 6.910 7.35512.4241 .67821.594 -117 29-055 TOTAL OS 700 930 845 929 930 930 930 10951 900 930 200 900 727 MEAN 31.7 50.D 57.0 27.2 ALL HOURS 7439 7200 7436 7200 7439 7939

USAFETAC FORM 0-89-5 (OLA)

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702650	EIELSON AFB AK	73-82
STAT ON	STATION NAME	YEAR

RS LST		JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	-7.8	-6.1	5.9	22.1	36.5	45.4	49.9	47.0	37.6	21.2	2.8	-7.4	21.2
00-02	5 D	22.4272	0.5861	3.721	9.599	5.282	4.358	4.205	5.700	6.0161	1.2561	5.8231	8.790	24.738
	TOTAL OBS	876	791	930	900	930	900	930	930	900	930	897	850	10766
	MEAN	-7.8	-6.4	3.7	20.0	35.4	44.9	48.9	45.3	35.9	20.4	2.6	-7.7	20.3
03-05	5 D	22.4452								6.0841			9.009	24.528
	TOTAL OBS	866		930	900	929	900		929		928	898	852	10733
	MEAN	-7.8	-6.B	7 4	22.7	39.7	- A A - T	E2.8	40.1	37.0	20.0	2.5	-7.9	21.7
06-08		21.9562												25.750
	TOTAL OBS		766	929	897	928	900		930		926	900	847	10710
				10.6										30.0
** . 11	MEAN		-	10.5		43.3				42.3			-7.2	
F9-11		21.7821 872	787	930	398	930:			930	900	930	900	839	
	TOTAL OBS	8/2	787	730	978	730	700	730	730	700	730	700	837	10148
	MEAN			16.8		44.8					26.3		-6.4	
12-14		20.3521												25.340
	TOTAL OBS	889	834	930	899	930	900	929	930	900	930	900	854	10825
	MEAN	-5.7	1.6	16.1	32.0	45.0	51.9	56.7	54.3	45.0	25.9	6.D	-6.6	27.5
15-17	S 0	20.6061	7.6931	10.871	7.662	4.541	3.96D	4.262	5.297	6.3011	0.5241	4.5121	8.312	25.502
	TOTAL OBS	893	837	929	900	930	900	930	930	900	930	900	854	10833
	MEAN	-7-1	-2.8	13.6	30-1	84.1	51.4	56.D	53.3	42.4	23.1	4.4	-7.3	25.7
18-20		21.5231												26.118
	TOTAL OBS		820		900	929				900			854	
	MEAN		-4.9				49.2			39.2	21.5		-7.4	
21-23	,	21.9141								6.1531			8.740	25.590
	TOTAL OBS	885	801	929	900	930	900	930	930	900	929	900	348	10782
	MEAN	-7.1	-3.4	10.2	26.5	41.2	49.2	53.7	50.5	48.5	22.7	4.0	-7.2	24.0
ALL HOURS	5 D	21.6201	9.501	3.769	450.01	6.055	4.923	4.983	6.474	7.0401	11.3971	5.4241	8.597	25.608
	TOTAL OSS	7026	6407	7437	7194	7436	7200	7439	7439	7299	7433	7197	6798	86206

USAFETAC TORM 0.89.5 (OLA)

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702650	EI	ELSON	AFB AK				73-8	2						
51A1-ON	•		STAT	ON NAME		·				YEARS				
HRS LS?		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	-17.	0 -16.1	-4.0	13.4	29.3	40.2	46.1	43.5	33.0	15.2	-4.9	-16.3	14.
10-02	. ē D		625.958					_						
	TOTAL OBS	87	6 791	930	900	930	900	930	930	900	930	899	850	1076
	MEAN		1 -16.4	-6-1	12.1	28.9	*0.2	45.5	42.2	71 0	1 5 5		-16.6	13.
03-05	5 D		026.102											
	TOTAL OBS			930	900	929	900				928	898		
														•
	MEAN		1 -16.9										-16.8	_
(6-D8		1	226.565		_									27.75
	TOTAL OBS	5.5	7 766	929	897	928	900	930	930	900	926	900	847	1071
	MEAN	-17-	1 -14.3	3	15.7	30.1	41.1	47.9	46.0	35.7	16.4	-9-1	-16.3	15.
99-11	S D		224.446											
	TOTAL OBS	87	2 787	930	898	930	900	930	930	900	930	900	839	1079
										·				•
	MEAN		6 -9.5							35.4			-15.3	
12-14	S D		321-148									-		25.48
	TOTAL JES	88	9 834	930	899	930	900	929	930	900	930	900	854	1082
	MEAN	-15.	0 -9.5	5.0	16.5	29.1	39.6	46.9	44.7	34.8	18.5	-1.4	-15.5	16.
15-17	S D		421.147											
	TOTAL OBS	89	3 837	929	900	930	900	930	930	900	930	900	854	1083
		: •						· · ·	·					
	MEAN		4 -13.0					47.5			16.8		-16.2	
18-20	S D.		223.492											
		8.8	8 820	930	900	929	900	730	930	900	930	900		1081
	MEAN	-17-	2 -14.9	9	15.7	30.9	41.8	48.1	45.3	33.4	15.3	-4.3	-16.3	15.
21-23	5 D		524.864											
	101AL 085		5 801						930		929			1078
		<u> </u>							·					
ALL	MEAN		4 -13.7							34.1			-16.2	
HOURS	S D		724.225											
	INTAL OF	1 702	6 6907	7937	7179	7930	7200		7937	. 7200	7733		. 9178.	8620

USAPETAC TORM 0 87 5 (OLA)

RELATIVE HUMIDITY

702650 STATION

ETELSON AFB AK

73-82

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN TELATIVE	TOTAL NO OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80°-	90%	HUMIDITY	OAS
JAN	00-02	100.0	100.0	98.6	94.9	80.5	54.6	23.2	6.4	1.8	61.9	876
	03-05	100.0	99.9	99.0	94.9	78.1	54.2	23.4	5.7	.7	61.7	866
	06-08	100.0	100.0	99.3	95.0	79.3	53.8	23.0	5.7	1.4	61.7	857
	ü9 −11	100.0	100.0	99.2	95.0	78.9	53.0	22.7	6.0	1.6	61.7	872
	12-14	100.0	100.0	99.2	94.7	77.6	53.9	24.5	5.5	.7	61.5	889
	15-17	100.0	100.0	99.2	93.7	78.2	53.3	25.2	7.1	.9	61.6	893
~- 	18-20	100.0	100.0	99.2	94.3	78.6	52.8	22.5	5.5	.7	61.3	888
	21-23	100.0	100.0	98.8	95.7	80.5	51.8	22.8	5.5	•5	61.3	885
TO	TALS	100.0	100.0	99.1	94.8	79.0	53.4	23.4	5.9	1.0	61.6	7026

USAFETAC 0-87-5 (OL A)

RELATIVE HUMIDITY

71 2650

EIELSON AFB AK

73-82

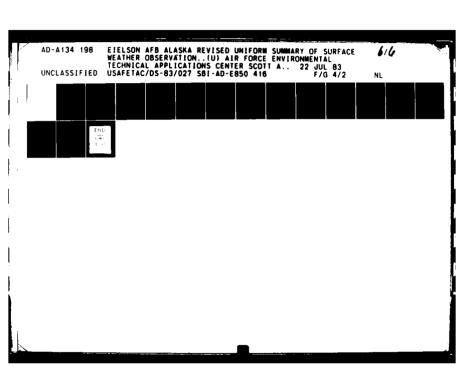
FEB

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN - RELATIVE	TOTAL NO OF
MONTH	(L.S.T.)	10°•	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS
FE9	30-02	100.0	100.0	99.7	94.3	70.8	45.1	18.8	5.9	.8	59.2	791
	03-05	100.0	100.0	99.5	92.0	69.5	43.B	19.1	4.9	.4	59.0	771
	26-08	100.0	100.0	99.6	93.3	70.4	44.1	17.9	5.9	1.0	59.1	766
	09-11	100.0	100.0	99.1	93.0	69.0	42.9	17.9	3.8	•5	58.5	787
	12-14	100.0	100.0	98.6	92.0	65.3	36.7	17.4	4.7	1.3	57-1	834
	15-17	100.0	99.9	98.4	90.2	60.9	34.5	15.4	3.8	.4	55.8	837
į	19-20	100.0	100.0	99.8	92.3	69.4	42.4	20.4	6.0	.9	58.8	820
	21-23	100.0	100.0	99.9	92.9	70.9	43.4	19.4	5.4	.9	59.2	801
												
το	TALS	100.0	100-0	99.3	92.5	68.3	41.6	18.3	5.1	.8	58.3	6437





MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS ~ 1963 - A

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31

RELATIVE HUMIDITY

702550 STATION

EIELSON AFB AK

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
MAR	00-02	100-0	100.0	98.9	88.6	69.9	48.D	29.0	8.3	1.4	60-1	930
	03-05	100.0	100.0	98.8	89.9	71.2	50.1	30.8	8.3	1.4	60.8	930
	06-08	100.0	100.0	99.1	92.4	73.5	50.6	30.9	6.5	1.5	60.9	929
	09-11	100.0	99.9	98.0	86.9	63.8	39.7	19.7	4.1	1.0	56.9	930
	12-14	100.0	100.0	95.2	74.2	44.7	23.9	9.2	3.0	.6	50.7	930
	15-17	100.0	99.9	92.9	67.9	38.9	22.6	9.5	2.5	.3	48.9	929
	18-20	100.0	99.8	96.9	82.4	55.5	34.3	17.2	6.9	1.5	55.0	930
	21-23	100-0	100-0	98.4	86.5	66.2	45.9	25.5	8.3	1.3	58.9	929
				 								
TO	TALS	100.0	100.0	97.3	83.6	6D.5	39.4	21.5	6.0	1.1	56.5	7437

RELATIVE HUMIDITY

702650

EIELSON AFB AK

73-82

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

· · · · · · · · · · · · · · · · · · ·		 -	1	 					<u> </u>			
	21-23	100.0	100.0	98.2	85.8	61.8	33.6	15.2	5.7	.7	55.6	90
	18-20	100.0	99.8	86.6	56.8	28.0	12.7	6.8	2.7	.3	45.0	90
	15-17	100.0	98.2	72.8	37.D	17.0	8.4	4.6	2.1	•2	39.7	90
	12-14	100.0	98.3	~5.5	43.6	20.1	11.1	5.7	2.1	1.0	41.7	87
	09-11	100.0	99.9	92.4	66.8	39.5	19.8	9.4	3.8	1.1	48.9	891
	06-08	100.0	100.0	99.0	90.7	73.9	52.4	26.3	11.0	2.9	61.1	89
	03-05	100.0	100.0	99.2	94.4	82.8	65.6	36.7	15.2	4.4	65.5	901
APR	00-02	100.0	100.0	99.0	92.8	77.4	55.1	27.9	10.6	2.4	61.9	901
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.

USAFETAC

PORM JUL 64

RELATIVE HUMIDITY

702650

EIELSON AFB AK

STATION NAME

3-82

MONT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	ONS.
MAY	00-02	100.0	100.0	99.4	92.5	78.0	57.3	32.5	13.5	5.3	63.6	930
	03-05	100.0	100-0	99.6	95.4	86.7	67.3	38.5	16.0	6.4	66.8	929
	06-08	100.0	100.0	95.7	83.5	60.8	38.4	18.4	6.7	2.8	56.2	928
	09-11	100.0	99.1	78.0	48.2	26.5	13.9	6.6	2.5	1.4	43.2	930
	12-14	100.0	94.6	57.5	31.1	14.6	7.5	3.4	1.8	.8	37.0	930
	15-17	100.0	90.8	52.4	30.5	15.6	7.6	4.0	1.6	.8	35.9	930
	18-20	100.0	95.7	67.3	39.5	23.5	11.2	5.4	2.4	.6	40.3	921
	21-23	100.0	100.0	95.9	74.8	50.0	30.6	14.4	6.2	2.9	53.3	93(
10	TALS	100.0	97.5	80.7	61.9	44.5	29.2	15.4	6.3	2.6	49.5	743

USAFETAC PORM 0-87-5 (OL A)

RELATIVE HUMIDITY

702650

EIELSON AFB AK

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	i		PERCENTAC	ie frequenc	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	NO. OF OBS.
JUN	00-02	100.0	100.0	100.0	98.3	93.2	76.3	49.8	20.0	4.0	69.9	900
	03-05	100.0	100.0	100.0	99.3	96.2	83.2	55.2	23.1	5.3	71.7	900
	06-08	100.0	100.0	100.0	94.6	79.7	54.7	31.9	12.9	2.4	63.2	901
	09-11	100.0	99.9	92.2	71.2	45.6	26.4	15.7	6.0	.6	51.5	900
	12-14	100.0	98.7	80.2	51.3	28.8	17.3	8.4	3.1	.3	44.3	900
	15-17	100.0	96.8	76.7	45.3	27.2	16.2	7.1	1.2		42.7	900
	18-20	100.0	97.7	84.1	57.4	36.2	22.7	7.6	2.4	•3	46.7	906
	21-23	100.0	99.9	99.1	87.3	69.0	46.8	26.9	7.9	1.6	59.4	901
			-	 								
τo	TALS	100.0	99.1	91.5	75.6	59.5	43.0	25.6	9.6	1.8	56.2	720

RELATIVE HUMIDITY

702650 STATION

EIELSON AFB AK

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
JUL	00-02	100.0	100-0	100.0	99.1	96.7	87.1	67.0	34.9	10.6	75.2	930
	03-05	100.0	100.0	100.0	100.0	98.2	91.8	73.2	42.2	13.5	77.5	930
	06-08	100.0	100.0	99.9	98.4	88.9	72.6	49.5	23.1	5.8	69.7	930
	09-11	100.0	100.0	98.2	83.9	62.8	41.2	22.4	8.6	1.4	57.7	930
	12-14	100.0	100.0	91.6	66.8	44.3	24.1	10.4	3.8	.6	50.0	921
	15-17	100.0	99.5	87.3	63.3	40.6	24.1	11.7	5.6	1.5	48.9	930
	18-20	100.0	99.8	92.3	73.4	51.5	35.5	17.7	8.4	1.9	53.7	930
	21-23	100.0	100.0	98.9	95.4	85.4	66.6	42.3	18.3	4.5	67.0	930
		 										
το	TALS	100.0	99.9	96.0	85.0	71.1	55.4	36.8	18.1	5.0	62.5	7431

RELATIVE HUMIDITY

702650

EIELSON AFB AK

73-82

AUS

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1		PERCENTAG	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
AUG	00-02	100.0	100.0	100.0	99.6	98.3	73.5	77.4	42.8	9.0	77.6	930
	03-05	100.0	100.0	100.0	99.8	99.6	96.7	84.D	51.1	12.4	80.2	929
	06-08	100.0	100.0	100.0	99.4	97.4	90.8	70.1	34.9	8.8	76-0	930
	09-11	100.0	100.0	99.6	92.4	78.0	53.9	31.6	12.3	3.5	63.0	930
	12-14	100.0	99.9	94.7	76.3	50.6	27.2	15.1	4.6	1.1	52.6	930
	15-17	100.0	99.8	89.8	65.6	42.8	24.6	12.9	4.2		49.8	930
	18-20	100.0	**.*	97.1	83.8	66.2	46.7	25.7	9.2	1.2	58.6	930
	21-23	100.0	100.6	99.9	78.5	93.7	82.5	61.2	25.2	4.1	72.2	930
		 		-	 		-		<u> </u>			-
10	TALS	100.0	100.0	97.6	89.4	78.3	64.5	47.3	22.8	5.1	66.3	743

USAPETAC

PORM.

RELATIVE HUMIDITY

712650 STATION

EIELSON AFB AK

73-8

SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENCY	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	90%	90%	HUMIDITY	OBS.
SEP	00-02	100.0	100.0	99.8	96.4	93.1	84.4	69.2	37.4	10.4	75.1	900
	03-05	100.0	100.0	100.0	99.1	96.2	88.4	77.8	44.2	11.2	77.5	900
	06-08	100.0	100.0	99.8	98.3	95.6	89.0	74.7	42.7	11.4	76.9	900
	09-11	100.0	99.8	97.7	91.9	78.3	63.9	41.9	17.1	3.8	65.0	900
	12-14	100.0	98.1	93.7	73.2	52.8	32.2	18.7	6.2	.7	53.4	900
	15-17	100.0	97.9	92.0	68.4	46.6	26.9	15.0	4.7	.2	50.9	900
	18-20	100.0	99.9	97.6	90.0	73.4	55.9	34.7	12.9	1.9	62.4	901
	21-23	100-0	100.0	99.8	97.0	88.6	75.2	55.9	26.2	7.3	70.7	90
				 							-	
τo	TALS	100.0	99.5	97.6	89.5	78.1	64.5	48.5	23.9	5.9	66.5	720

USAPETAC M

PORM NA 64

RELATIVE HUMIDITY

702650

9 C

EIELSON AFB AK

73-82

DCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	į		PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	l		MEAN	TOTAL
	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF ORS.
DCT	00-02	100.0	100-0	99.8	97.5	92.9	81.7	57.2	27.7	9.7	72.2	930
	03-05	100.0	100.0	99.6	98.0	94.1	84.7	56.9	29.3	9.8	72.6	926
	06-08	100.0	100.0	99.8	97.9	94.2	85.3	56.2	27.3	7.0	72.6	926
	09-11	100.0	100.0	99.4	96.3	90.6	76.1	47.4	22.2	5.5	69.4	930
	12-14	100.0	100.0	98.8	94.1	82.4	64.3	35.9	14.9	3.2	64.8	930
	15-17	100.0	100.0	99.1	94.9	83.7	65.3	38.2	16.6	3.5	65.7	930
	18-20	100.0	100.0	99.2	96.8	90.9	79.4	51.3	24.4	6.6	70.4	930
	21-23	100.0	100.0	99.7	97.3	91.7	81.6	54.7	26.6	6.7	71.4	929
								ļ				
	ļ											
to	TALS	100.0	100.0	99.4	96.6	90.1	77.3	49.7	23.6	6.9	69.9	7433

USAPETAC POM 0-87-5 (OL A)

RELATIVE HUMIDITY

702650 EIELSON AFB AK
STATION STATION NA

3-82

NOV

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAG	E FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL NO. OF
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	OBS.
NOV	00-02	100.0	100.0	99.8	98.2	88.8	64.3	43.9	18.9	5.2	67.6	899
	03-05	100.0	100.0	100.0	98.2	89.5	65.5	42.4	18.3	5.0	67.4	890
	06-08	100.0	100.D	100.0	98.7	90.2	64.7	43.4	16.9	4.9	67.4	900
	09-11	100.0	100.0	99.9	98.4	91.8	64.1	42.4	15.1	4.4	67.4	900
	12-14	100.0	100.0	100.0	99.0	92.8	67.6	45.0	17.6	4.7	68.2	900
	15-17	100.0	100.0	100.0	98.9	92.6	67.7	44.8	19.8	5.7	68.5	900
	18-20	100.0	100.0	100.0	98.8	90.2	66.2	44.3	19.4	5.8	68.4	900
	21-23	100-0	100.0	100.0	98.2	90.2	65.0	43.9	17.4	5.1	67.7	900
		 	 				 					
				-								
•••	TALS	-	-	<u> </u>		<u> </u>						
10	IALS	100.0	100.0	100.0	98.6	90.8	65.6	43.8	17.9	5.1	67.8	719

USAPETAC PORM 0-87-5 (OL A)

RELATIVE HUMIDITY

702650 STATION

EIELSON AFB AK

DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	1		MEAN	TOTAL
HTHOM	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NQ. OF OBS.
DEC	00-02	100.0	100.0	160.0	97.4	85.2	52.1	28.8	9.9	1.9	63.1	850
	03-05	100.0	100.0	99.6	97.3	86.3	52.8	31.5	11.5	2.5	63.7	852
	06-08	100.0	100.0	100.0	97.9	86.3	52.2	28.1	11.8	3.2	63.4	647
	09-11	100.0	100.0	100.9	97.5	84.9	50.5	27.4	10.0	3.2	62.9	639
	12-14	100.0	100.0	100.0	97.7	87.7	53.5	28.9	10.9	2.7	63.5	854
	15-17	100.0	100-0	100.0	96.1	87.6	54.2	30.1	11.0	3.2	63.8	854
	18-20	100.0	100.9	99.9	96.1	87.2	55.2	30.1	9.3	3.9	63.5	859
	21-23	100.0	100.0	99.9	97.3	87.0	54.1	28.3	8.7	3.4	63.2	848
			ļ						_			
10	TALS	100.0	100.0	99.9	97.2	86.5	93.1	29.2	10.4	3.0	63.4	6798

RELATIVE HUMIDITY

702650

EIELSON AFB AK

STATION NAME

73-82

MAIOD

ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	SE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN	l		MEAN	TOTAL
	(L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO. OF OBS.
JAN	ALL	100.0	100-0	99.1	94.8	79.0	53.4	23.4	5.9	1-0	61.6	7026
FEB		100.0	100.0	99.3	92.5	68.3	41.6	18.3	5.1	.8	58.3	6407
MAR		100.0	100.0	97.3	83.6	60.5	39.4	21.5	6.0	1.1	56.5	7431
APR	ĺ	100.0	99.5	90.5	71.0	50.1	32.3	16.6	6.7	1.6	52.4	7194
MAY		100.0	97.5	80.7	61.9	44.5	29.2	15.4	6.3	2.6	49.5	7436
JUN		100.0	99.1	91.5	75.6	59.5	43.0	25.6	9.6	1.8	56.2	7200
JUL		100.0	99.9	96.0	85.0	71.1	\$5.4	36.8	18.1	5.0	62.5	7439
AUS		100.0	100.0	97.6	89.4	78.3	64.5	47.3	22.8	5.1	66.3	7439
SEP		100.0	99.5	97.6	89.5	78.1	64.5	48.5	23.9	5.9	66.5	7200
OCT		100.0	100.0	99.4	96.6	90-1	77.3	49.7	23.6	6.9	69.9	7433
NOV		100.0	100.0	100.0	98.6	98.8	65.6	43.8	17.9	5.1	67.6	7197
DEC		100.0	100.0	99.9	97.2	86.5	53.1	29.2	10.4	3.0	63.4	6791
101	TALS	100.0	99.6	95.7	86.3	71.4	51.6	31.3	13.0	3.3	60.9	86206

USAPETAC RIGH 0-87-5 (OL A)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

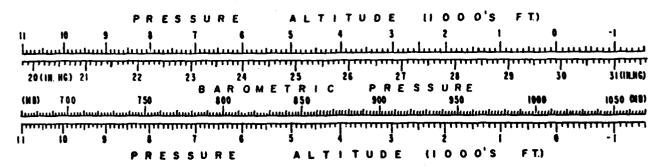
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HE FROM HOURLY OBSERVATION

7026 5 0	EII	ELSON AF	BAK				73-82	?						
5'A' Ot	•		STAT	ON NAME						YEARS				
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	29.2872	9.266	9-1822	9.2142	9.1962	9.2462	9.2762	9.2922	9.1742	9.0631	9.1452	7.182	29,21
2	S D	.426	.431	.274	.286	.237	-182	.154	.201	.241	. 310	. 398	.440	.32
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	365
	MEAN	29.2802	9.2642	9.1817	9.2212	9-2072	9.2572	9.2802	9 - 3002	9-1747	9.0582	9.1422	9.179	29.21
25	5 D	.429	.432		-289	.237	.183	.167	.204	.242	. 312	.399	.440	.32
	TOTAL OBS		282		300	310	300	310	310	300	310	300	310	365
	MEAN	29.2832	9.271	29.1852	9.2252	29.2D82	9.2592	9.2917	9.3052	9.1852	9 - 06 9 7	9.1872	9.181	29.21
S B	S D	.430	• 431	.278	-287	.238	.183			.240	. 312	. 399	.438	.32
	TOTAL OBS			310	300	310	300		310	300	310	300	310	365
	MEAN	29.2912	0 277	20 1872	. 2145	20. 1007		0 2770	2069	0 1017				29.21
11	S D	.425			.286		.183			.238	. 311	.398	.437	.31
	TOTAL OBS		282	310	300		300			300	310	300	310	365
	-													
	MEAN	29.2832												29.19
14	S D TOTAL OBS		.422			.232		-164		.237	. 310	.400	.440	.31
	10121 063	310	282.	310	300	310	300	310.	310	300	310.	300.	309	365
	MEAN	29.2802								9.1472		9.1432	9.181	29.18
17	\$ D	.419	•422	•275	-282	•229	.180	.161	.202	.237	. 309	.401	.442	-31
	TOTAL OBS	310		310	300	310	300	310	310	300.	310	300	309	3651
	MEAN	29.2782	9.263	29.1682	9.191	29.1672	9.2092	9.2092	9.2592	9.1542	9.0591	9.1422	9.184	29.19
20	5 D	. 417	.425	.274	.283	.221	.179	.160	.200	.239	. 311	.403	.441	317
	TOTAL OBS	310	282	310	300	310	300	310	310	300.	310	300	309	3651
	MEAN	29.2792	9.266	29.1752	9.200	29.1872	9.2292	9.2702	9.2742	9.1652	P. 0451	9.1952	9.172	29.20
23	5 D	,	.428		.284			.162			. 312	.404	.439	.31
- ··	TOTAL OSS	_		_	300		300		310		310	300	309	365
	MEAN	29.2832	9.266	29.1752	9.205	29.1852	9.2332	9.2602	9.2822	9.1642	9.0612	9.1452	9-184	29.20
ALL	S D	.422	-427	.275	.285			.165		-240		.400	.439	. 31
HOURS	TOTAL OBS		2256	2480	2400	2480			2980		2480.	2500	2476	2921

USAFETAC TORM 0 89 5 (OLA)

EIELSON AFB AK

702650

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

		51 A **	ON NAME						VE ARS				
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN S D													1010.
TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	365
MEAN	1014.0	1013.2	1009.81	010.71	009.8	011.41	012.4	1012-81	008.81	005.21	008.71	010.4	1010
S D													11.20
TO'AL OBS	310	282	310	300	310	300	310	310	300	310	300	309	369
MEAN													
S D						-						-	11.24
TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	365
MEAN													1010
S D													
TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	36
MEAN													
5 D													
TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	36
MEAN	1013.9	1013.9	1009-0	1009.3	008.0	1009.51	010.6	1011.3	007.81	005.11	008.71	010.5	1009
S D												-	
TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	369
MEAN							,						1009
S D						_							11.1
TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	36
MEAN							,	,					1010
S D													11-1
TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	369
MEAN							,						
S D	14.868 2480	14.952	9.595	9.960					8.3441	0.8151	3.9961	5.448	11.17
	MEAN S D TOTAL OBS MEAN S D TOTAL OBS	MEAN 1014-21 S D 14-988 TOTAL OBS 310 MEAN 1014-11 S D 15-107 TOTAL OBS 310 MEAN 1014-3 S D 14-868 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D 14-661 TOTAL OBS 310 MEAN 1013-9 S D TOTAL OBS 310 MEAN 1014-00 S D TOTAL OBS 310 MEAN 1014-00 S D TOTAL OBS 310	MEAN 1014-21013-22 S D 14-98815-092 TOTAL OBS 310 282 MEAN 1014-01013-22 S D 15-09915-147 TOTAL OBS 310 282 MEAN 1014-11013-5 S D 15-10715-108 TOTAL OBS 310 282 MEAN 1014-31013-7 S D 14-97914-921 TOTAL OBS 310 282 MEAN 1014-01013-22 MEAN 1013-91013-22 TOTAL OBS 310 282 MEAN 1013-91013-22 TOTAL OBS 310 282 MEAN 1013-91013-23 S D 14-66114-923 TOTAL OBS 310 282 MEAN 1013-91013-23 S D 14-66114-923 TOTAL OBS 310 282 MEAN 1013-91013-3 S D 14-66114-923 TOTAL OBS 310 282 MEAN 1013-91013-3 S D 14-66114-923 TOTAL OBS 310 282 MEAN 1013-91013-3 S D 14-66114-923 TOTAL OBS 310 282 MEAN 1014-01013-3 TOTAL OBS 310 282 ME	MEAN 1014-21013-21009-91 S D 14-98815-092 9-598 TOTAL OBS 310 282 310 MEAN 1014-01013-21009-81 S D 15-09915-147 9-6561 TOTAL OBS 310 282 310 MEAN 1014-11013-51010-01 S D 15-10715-108 9-7161 TOTAL OBS 310 282 310 MEAN 1014-31013-71009-91 S D 14-97914-921 9-677 TOTAL OBS 310 282 310 MEAN 1014-01013-21009-31 S D 14-86814-774 9-583 TOTAL OBS 310 282 310 MEAN 1013-91013-01009-01 S D 14-76114-790 9-568 TOTAL OBS 310 282 310 MEAN 1013-91013-21009-01 S D 14-66114-923 9-527 TOTAL OBS 310 282 310 MEAN 1013-91013-31009-61 S D 14-66114-923 9-527 TOTAL OBS 310 282 310 MEAN 1013-91013-31009-61 S D 14-66114-923 9-527 TOTAL OBS 310 282 310 MEAN 1013-91013-31009-61 S D 14-66114-923 9-527 TOTAL OBS 310 282 310 MEAN 1013-91013-31009-61 S D 14-63115-032 9-500 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-31009-61 TOTAL OBS 310 282 310 MEAN 1014-01013-21009-81 TOT	MEAN 1014-21013-21009-91010-51 S D 14-98815-092 9-598 9-988 TOTAL OBS 310 282 310 300 MEAN 1014-01013-21009-81010-71 S D 15-09915-147 9-65610-092 TOTAL OBS 310 282 310 300 MEAN 1014-11013-51010-01010-81 S D 15-10715-108 9-71610-060 TOTAL OBS 310 282 310 300 MEAN 1014-31013-71009-91010-51 S D 14-97914-921 9-67710-003 TOTAL OBS 310 282 310 300 MEAN 1014-01013-21009-31009-81 S D 14-86814-774 9-583 9-896 TOTAL OBS 310 282 310 300 MEAN 1013-91013-01009-01009-31 S D 14-76114-790 9-568 9-847 TOTAL OBS 310 282 310 300 MEAN 1013-91013-21009-81009-61 S D 14-66114-923 9-527 9-877 TOTAL OBS 310 282 310 300 MEAN 1013-91013-31009-61009-91 S D 14-66114-923 9-527 9-877 TOTAL OBS 310 282 310 300 MEAN 1013-91013-31009-61009-91 S D 14-63115-032 9-500 9-924 TOTAL OBS 310 282 310 300 MEAN 1013-91013-31009-61009-91 TOTAL OBS 310 282 310 300 MEAN 1013-91013-31009-61009-91 TOTAL OBS 310 282 310 300 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11 MEAN 1014-01013-31009-61018-11	MEAN 1014-21013-21009-91010-51009-43 S D 14-98815-D92 9-598 9-988 8-217 TOTAL OBS 310 282 310 300 310 MEAN 1014-01013-21009-81010-71009-83 S D 15-09915-147 9-65610-092 8-245 TOTAL OBS 310 282 310 300 310 MEAN 1014-11013-51010-01010-81009-83 S D 15-10715-108 9-71610-060 8-242 TOTAL OBS 310 282 310 300 310 MEAN 1014-31013-71009-91010-51009-22 S D 14-97914-921 9-67710-003 8-156 TOTAL OBS 310 282 310 300 310 MEAN 1014-01013-21009-31009-81008-51 S D 14-86814-774 9-583 9-896 8-048 S D 14-86814-774 9-583 9-896 8-048 S D 14-76114-790 9-568 9-847 7-908 TOTAL OBS 310 282 310 300 310 MEAN 1013-91013-91009-01009-31008-01 S D 14-66114-923 9-527 9-877 7-872 TOTAL OBS 310 282 310 300 310 MEAN 1013-91013-21009-61009-91009-01 S D 14-66114-923 9-527 9-877 7-872 TOTAL OBS 310 282 310 300 310 MEAN 1013-91013-31009-61009-91009-01	MEAN 1014-21013-21009-91010-51009-41011-01 S D 14-98815-092 9-598 9-988 8-217 6-293 107AL 08S 310 282 310 300 310 300 MEAN 1014-01013-21009-81010-71009-81011-41 S D 15-09915-147 9-65610-092 8-245 6-339 107AL 08S 310 282 310 300 310 300 MEAN 1014-11013-51010-01010-81009-81011-41 S D 15-10715-108 9-71610-060 8-242 6-332 107AL 08S 310 282 310 300 310 300 MEAN 1014-31013-71009-91010-51009-21010-81 S D 14-97914-921 9-67710-003 8-156 6-330 TOTAL 08S 310 282 310 300 310 300 MEAN 1014-01013-21009-31009-81008-51010-13 S D 14-86814-774 9-583 9-86 8-048 6-299 TOTAL 08S 310 282 310 300 310 300 MEAN 1013-91013-01009-01009-31008-01009-51 S D 14-76114-790 9-568 9-847 7-908 6-220 TOTAL 08S 310 282 310 300 310 300 MEAN 1013-91013-21009-41009-61008-41009-61 S D 14-66114-923 9-527 9-877 7-872 6-173 TOTAL 08S 310 282 310 300 310 300 MEAN 1013-91013-21009-41009-61008-41009-61 S D 14-66114-923 9-527 9-877 7-872 6-173 TOTAL 08S 310 282 310 300 310 300 MEAN 1013-91013-31009-61009-91009-11010-31 S D 14-66114-923 9-527 9-877 7-872 6-173 TOTAL 08S 310 282 310 300 310 300 MEAN 1013-91013-31009-61009-91009-11010-31 S D 14-63115-032 9-500 9-924 7-964 6-224 TOTAL 08S 310 282 310 300 310 300 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1013-91013-31009-61010-11009-01010-51 MEAN 1014-01013-31009-61010-11009-01010-51 MEAN 1014-01013-31009-61010-11009-01010-51 MEAN 1014-01013-31009-61010-11009-01010-51 MEAN 1014-01013-31009-61010-11009-01010-51 MEAN 1014-01013-31009-61010-11009-01010-51 MEAN 1014-01013-31009-61010-11009-01010-5	MEAN 1014.21013.21009.91010.51009.41011.01012.01	MEAN 1014-21013-21009-91010-51009-41011-01012-01012-55 5	MEAN 1014-21013-21009-91010-51009-41011-01012-01012-51008-71 14-98815-092 9-598 9-988 8-217 6-293 5-693 6-998 8-4011 107ALOBS 310 282 310 300 310 300 310 310 300 300 310 300 30	MEAN 1014-21013-21009-91010-51009-01011-01012-01012-51008-71005-31 14-98815-092 9-598 9-988 8-217 6-293 5-693 6-98 8-0110-7701 107AL 085 310 282 310 300 310 300 310 310 300 3	MEAN 1014-01013-21009-91010-51009-41011-01012-01012-51008-71005-31008-71 5	MEAN 1014-21013.21009.91010.51009.41011.01012.01012.51008.71005.31008.71010.5 S

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